

Fig. 1

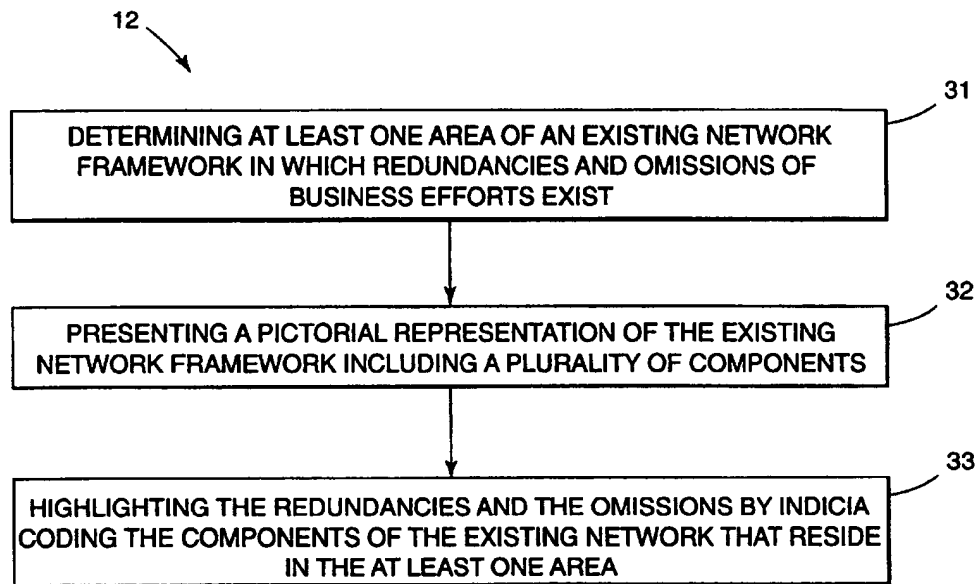


Fig. 2

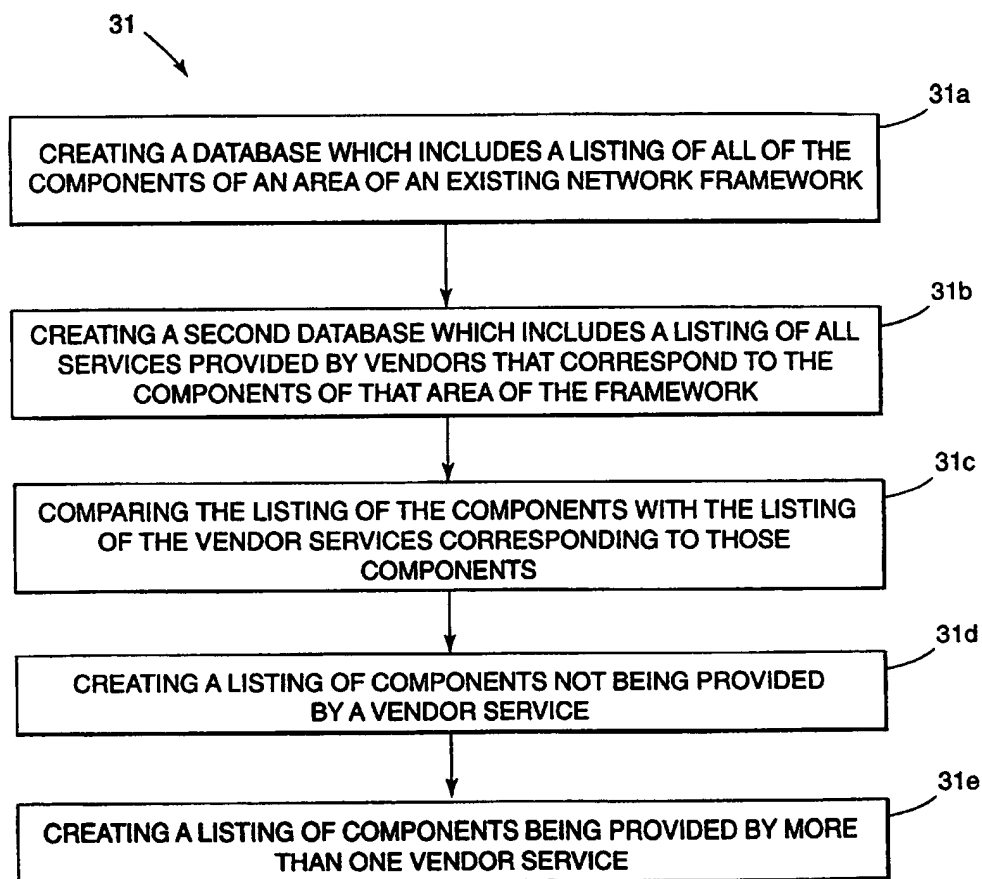


Fig. 3

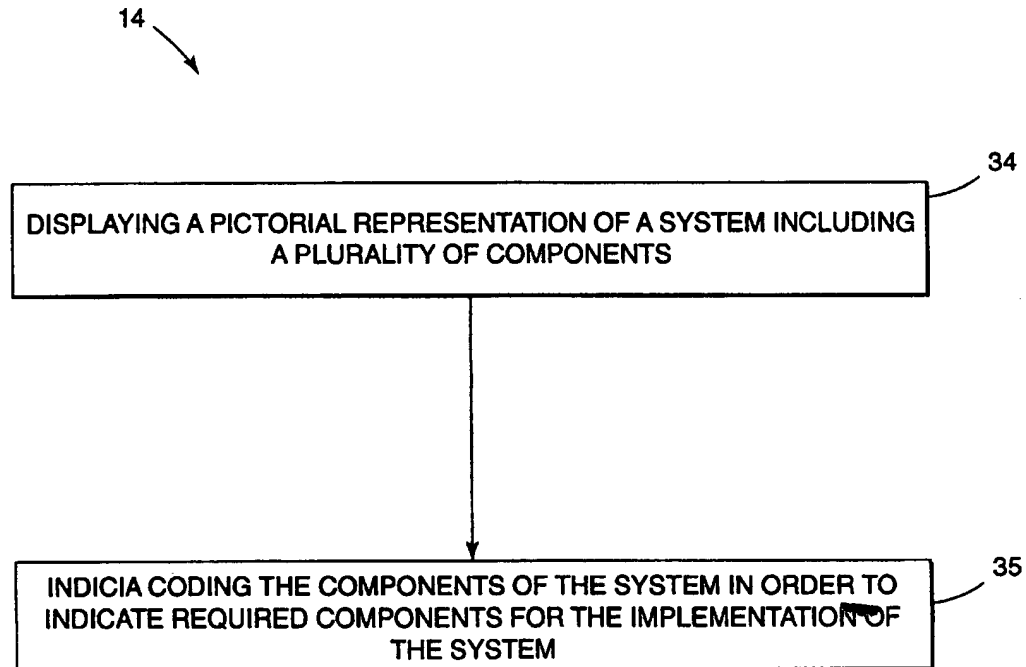


Fig. 4

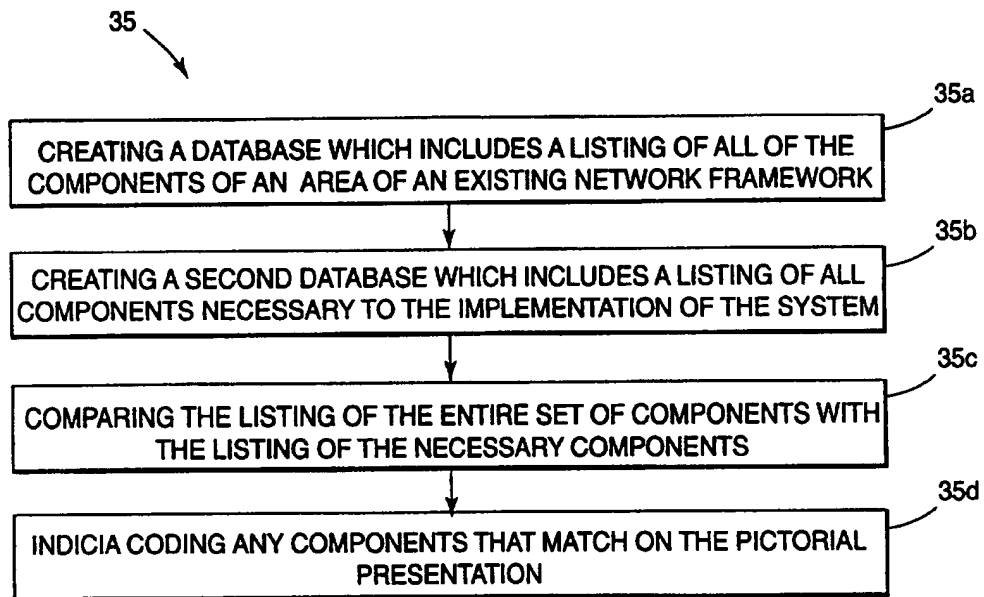


Fig. 5

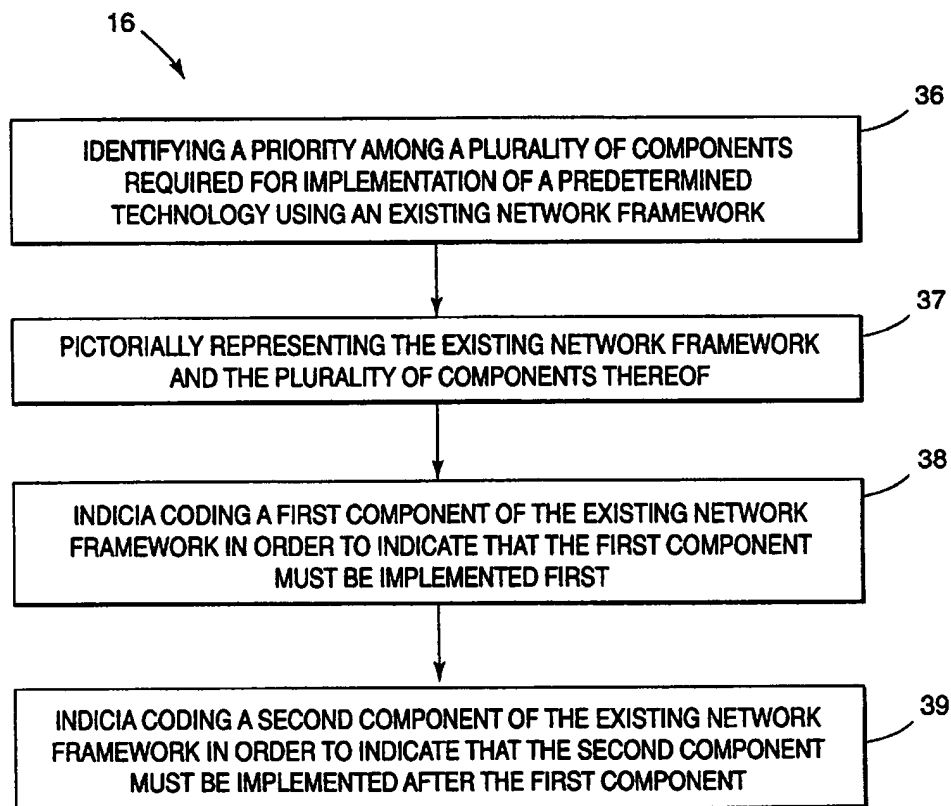


Fig. 6

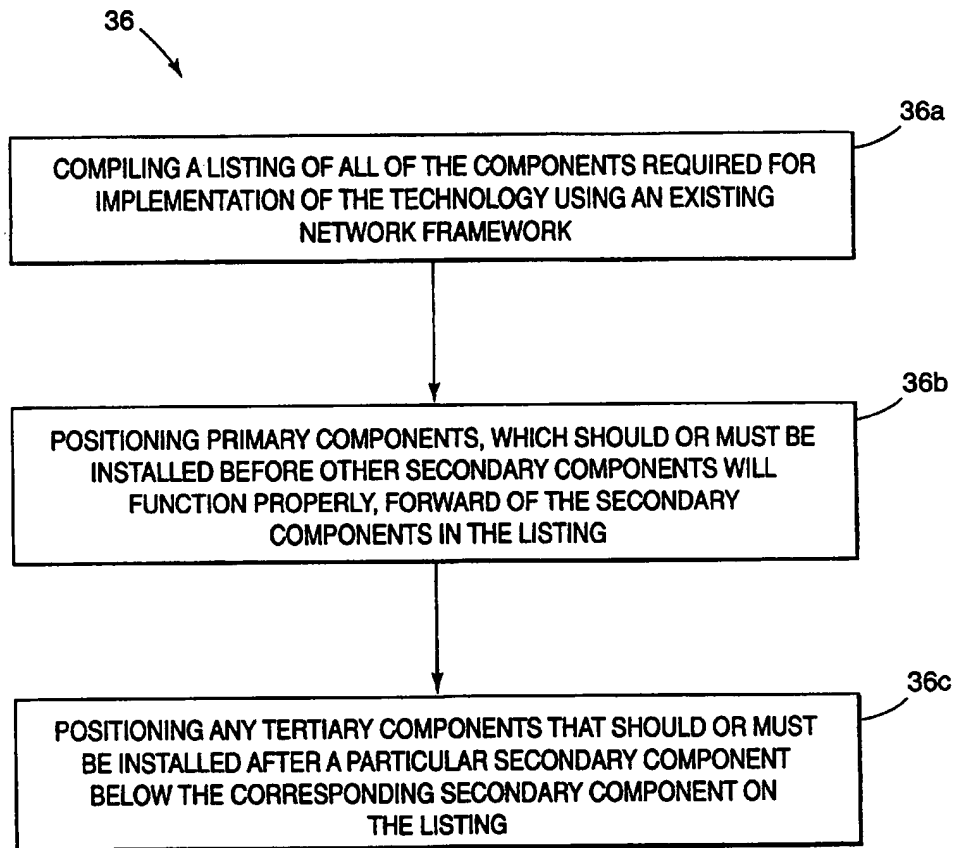


Fig. 7

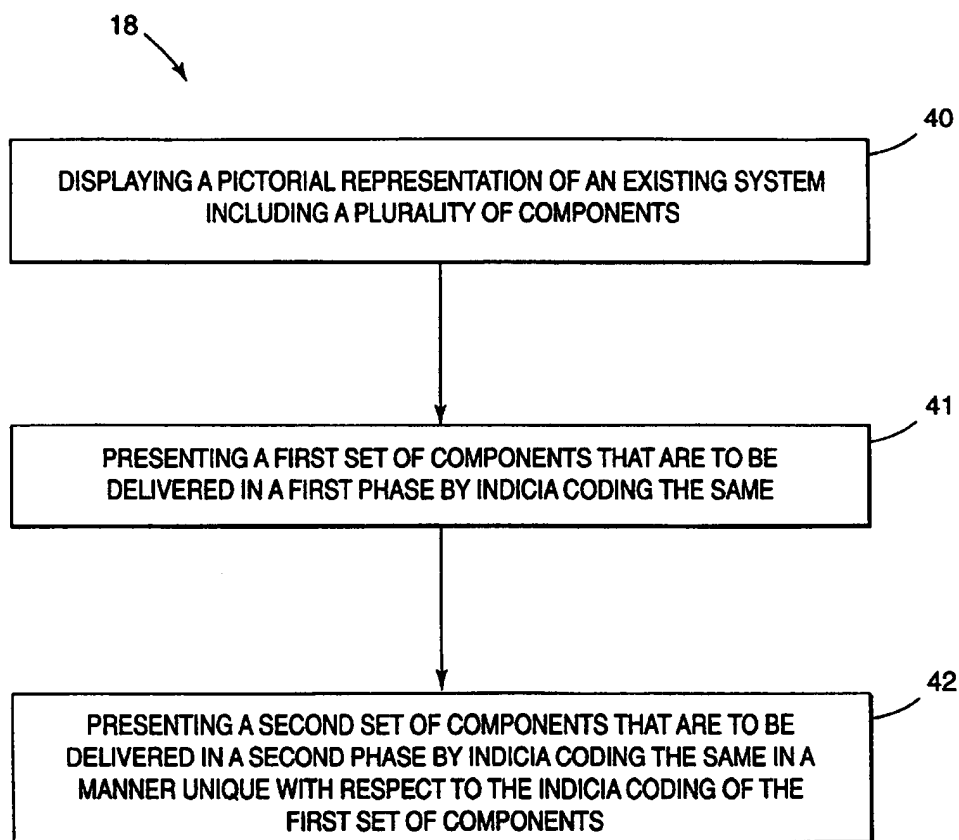


Fig. 8

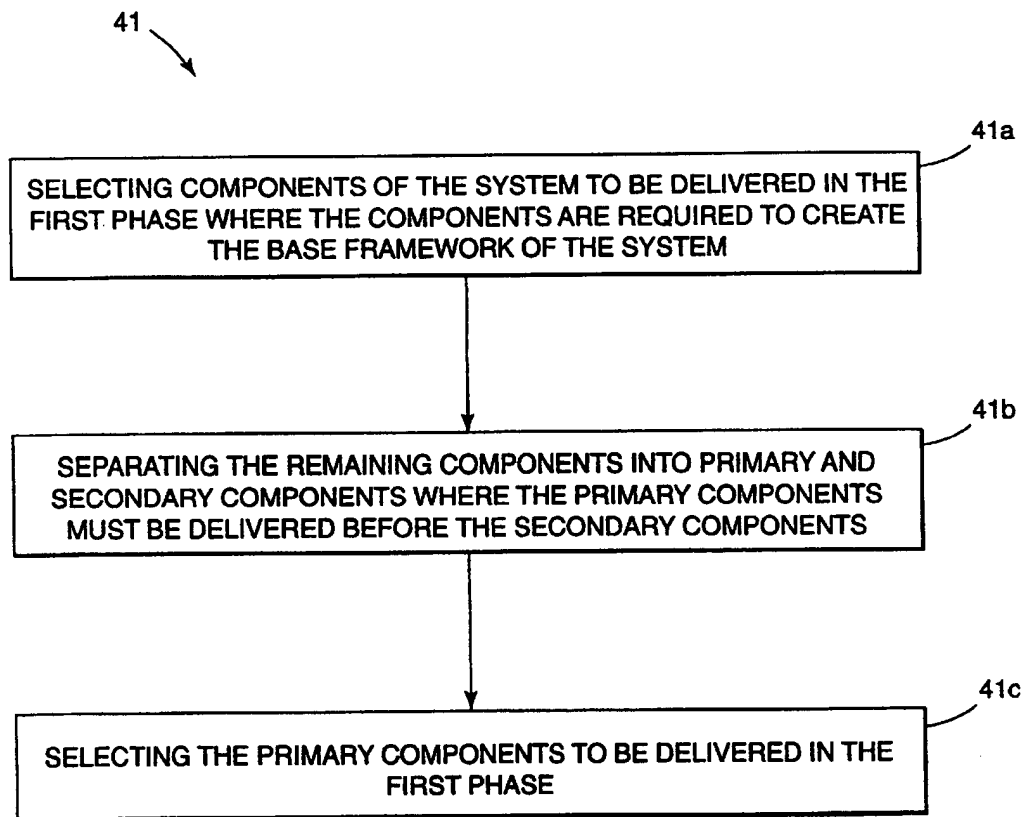


Fig. 9

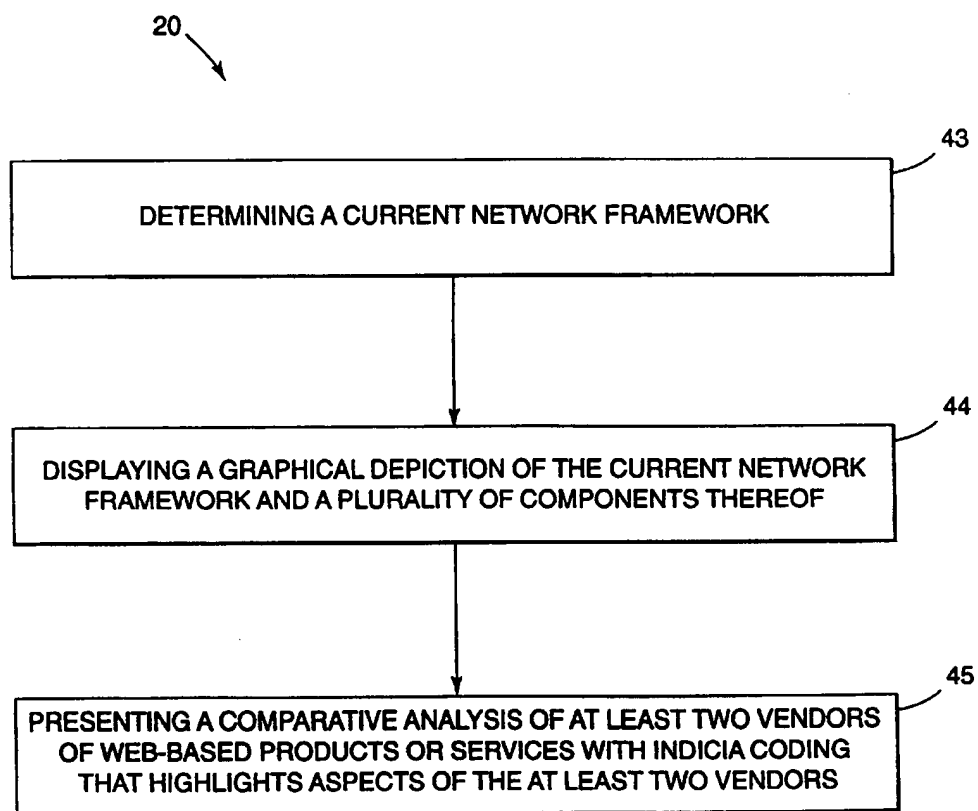


Fig. 10

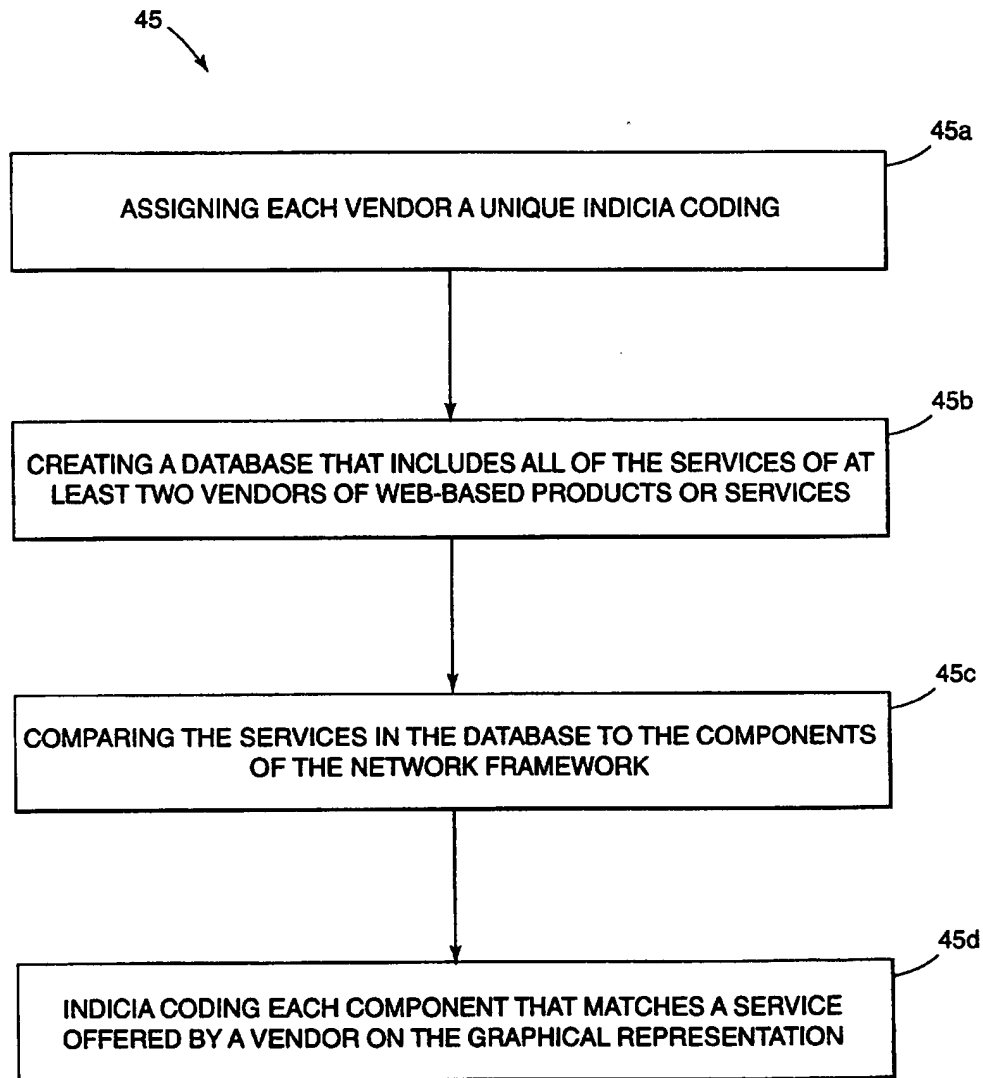


Fig. 11

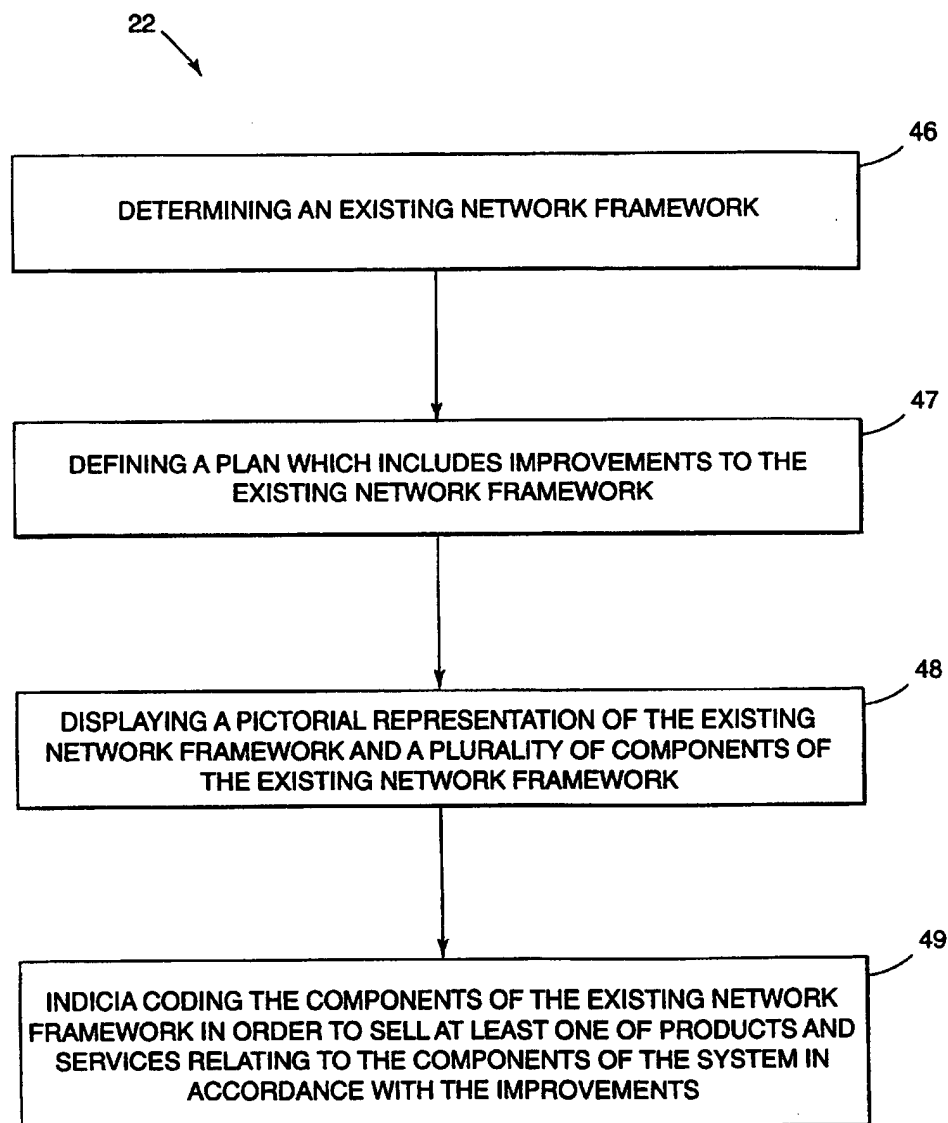


Fig. 12

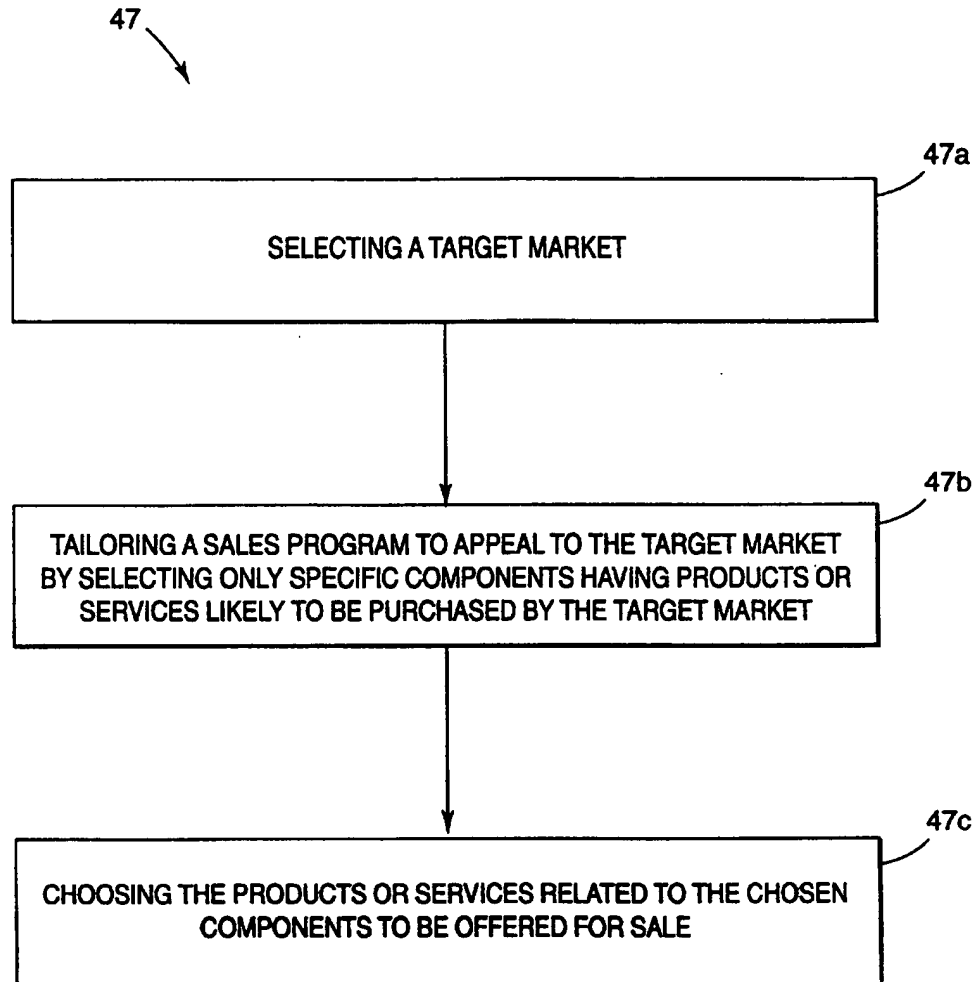


Fig. 13

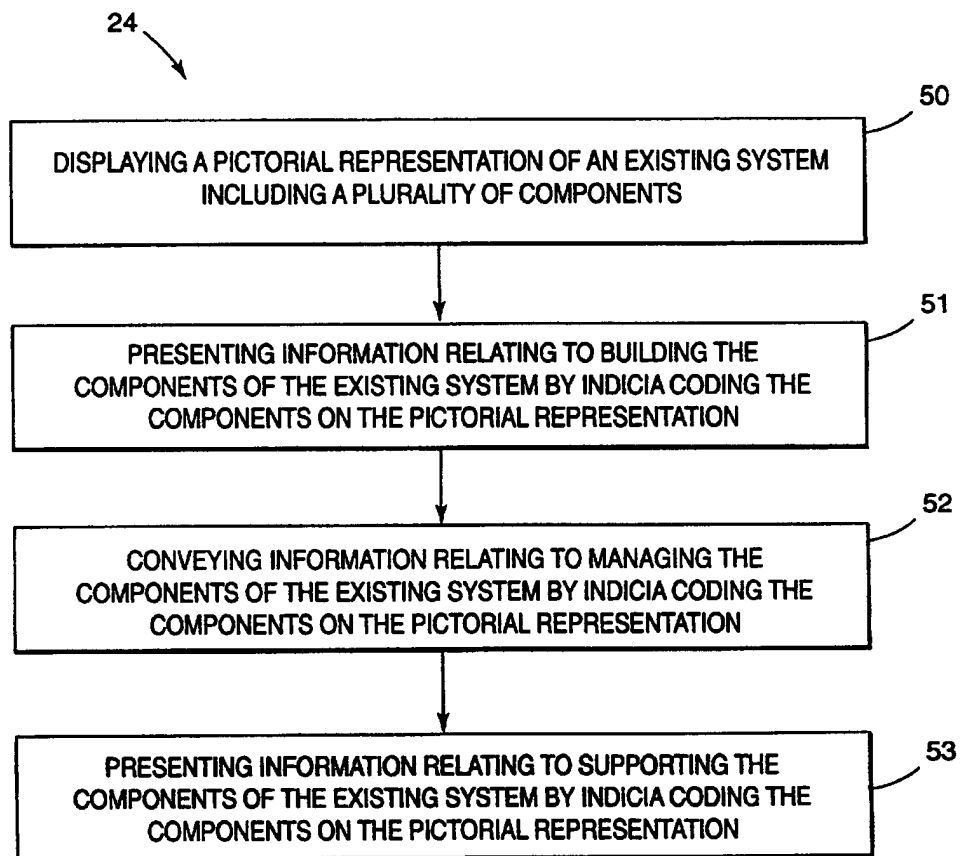


Fig. 14

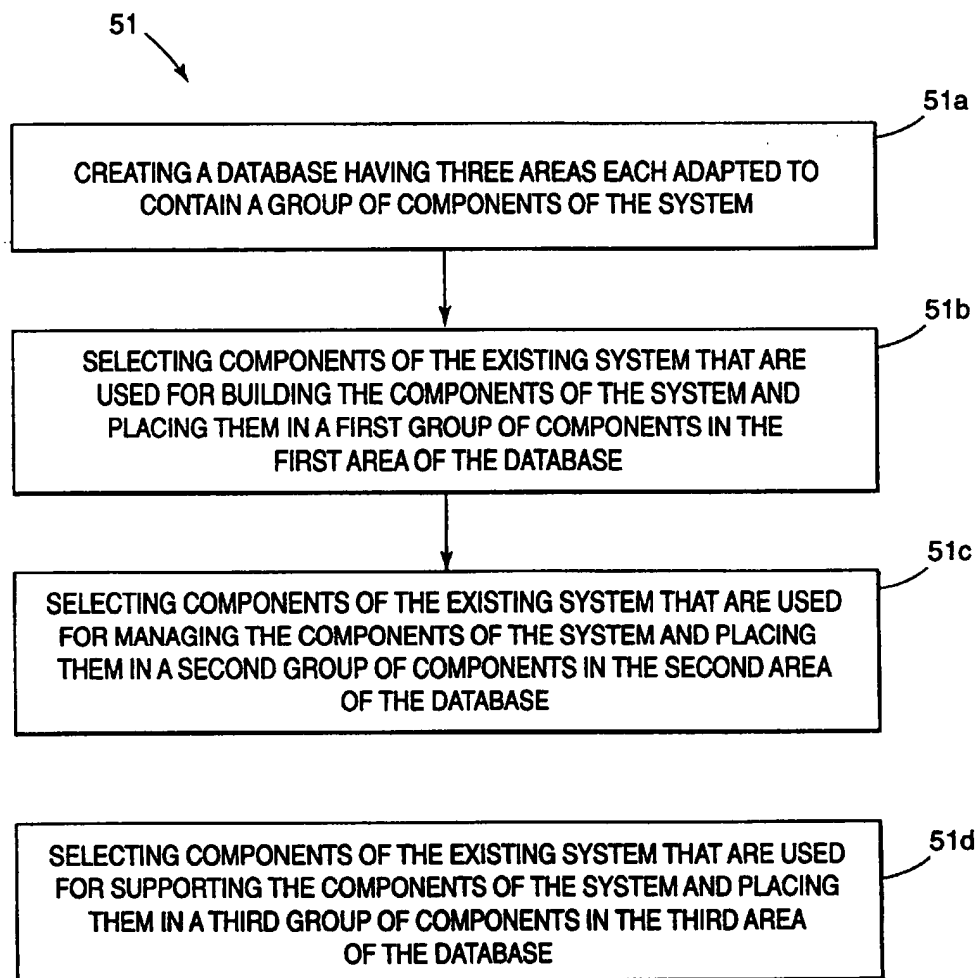


Fig. 15

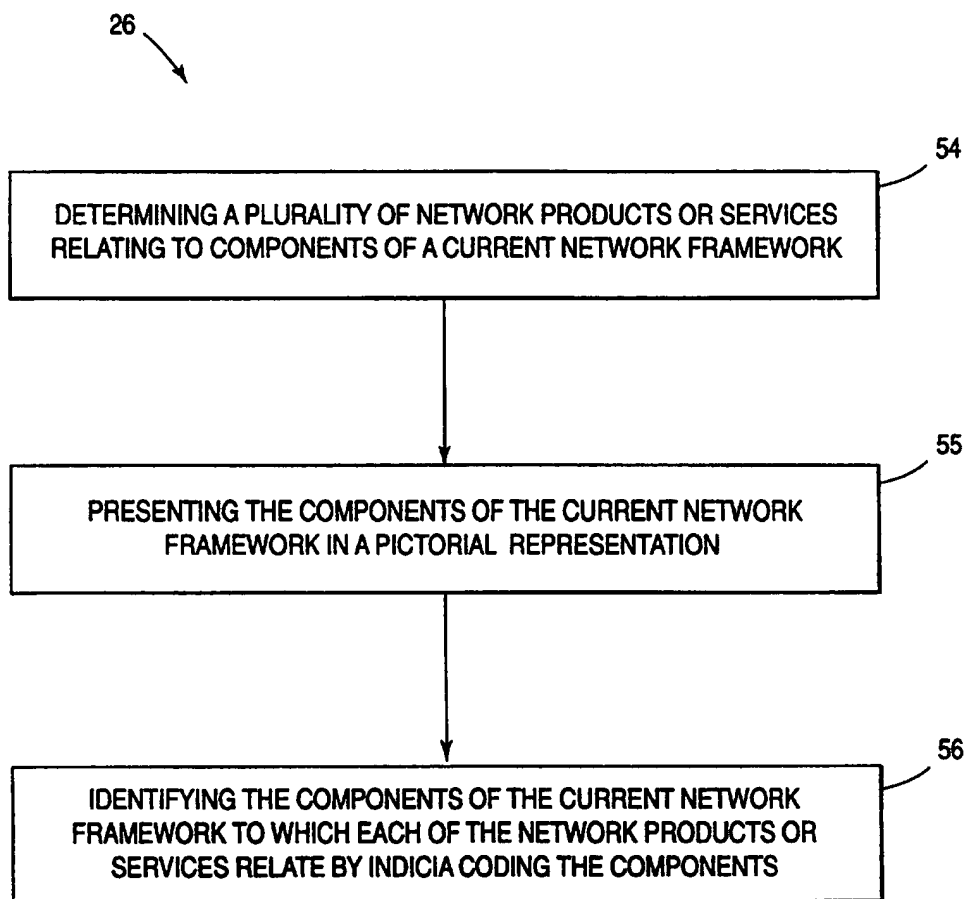


Fig. 16

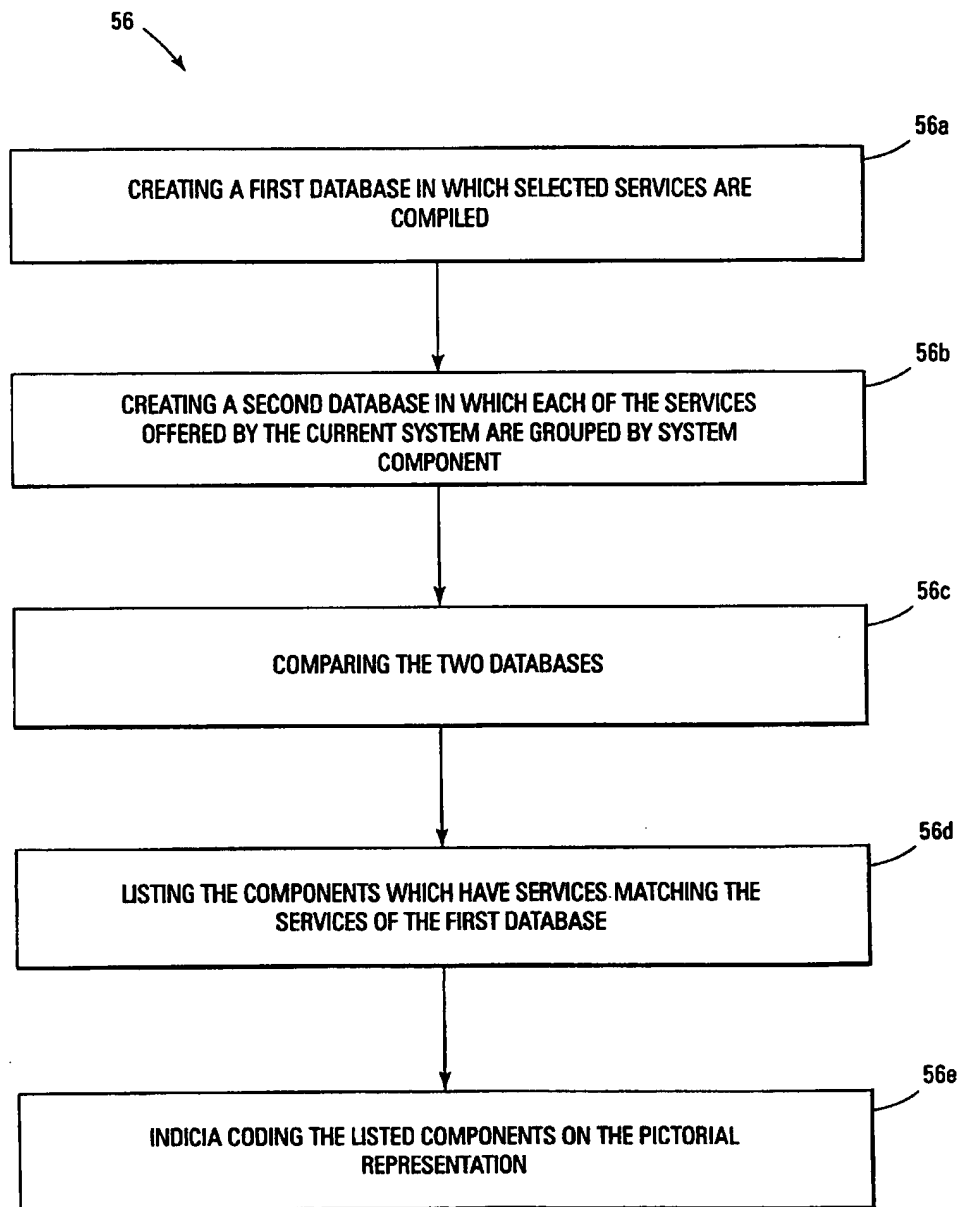


Fig. 17

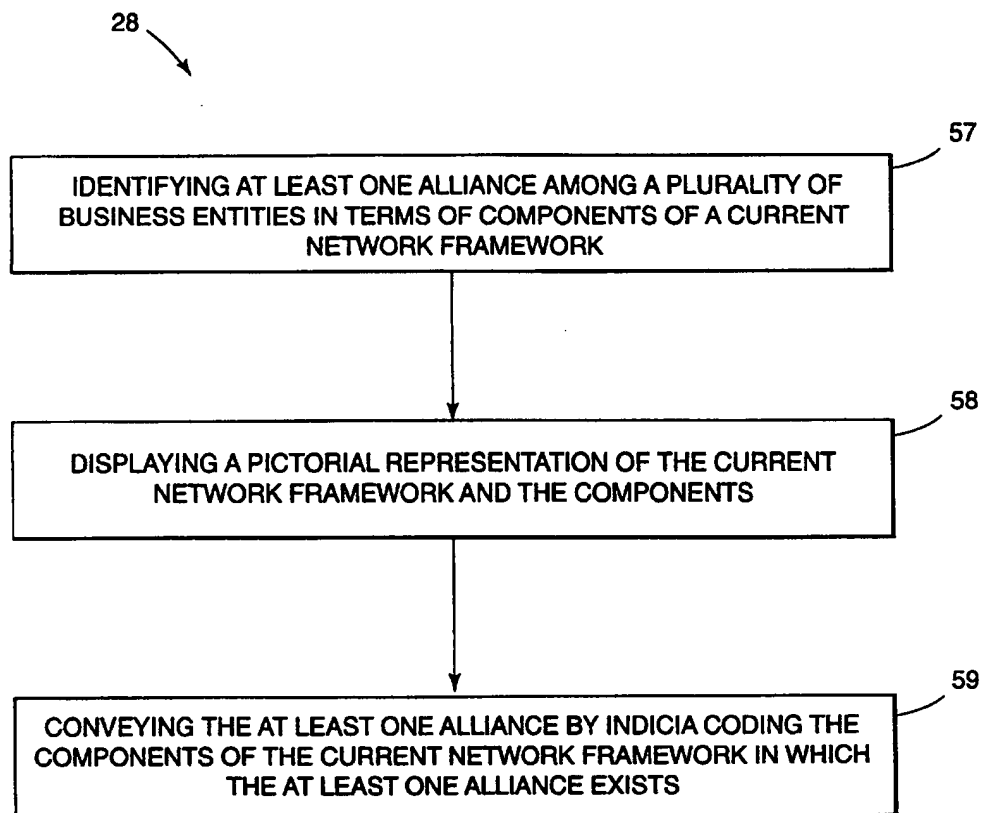


Fig. 18

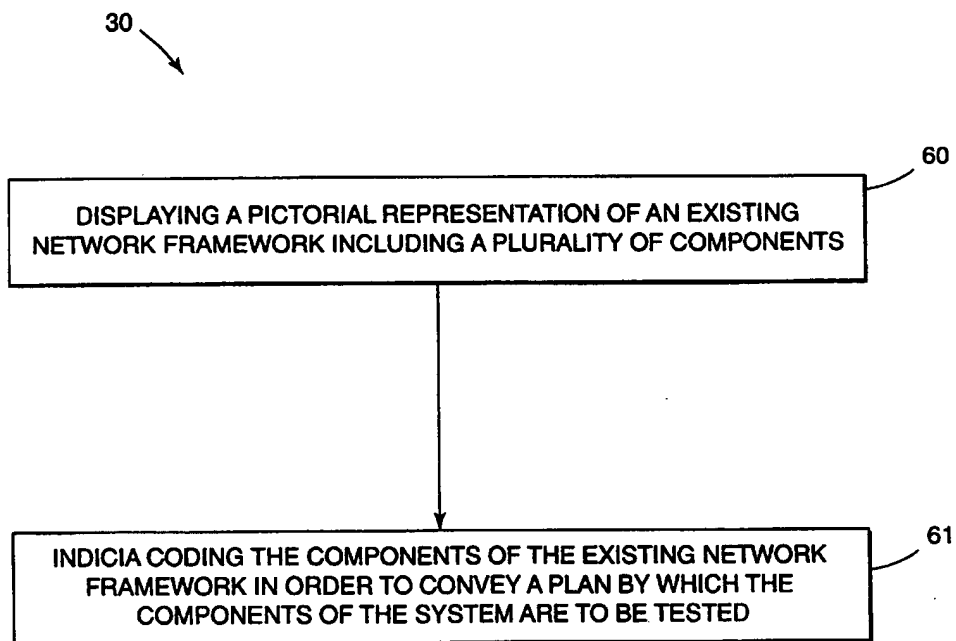


Fig. 19

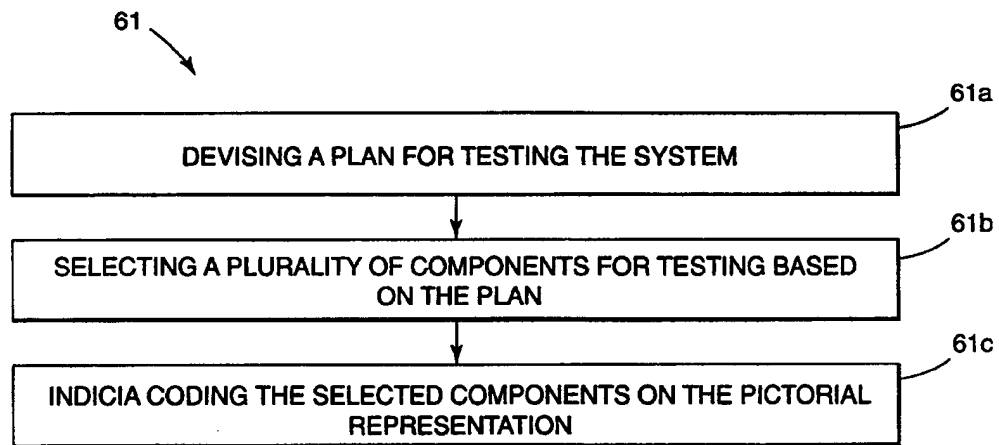


Fig. 20

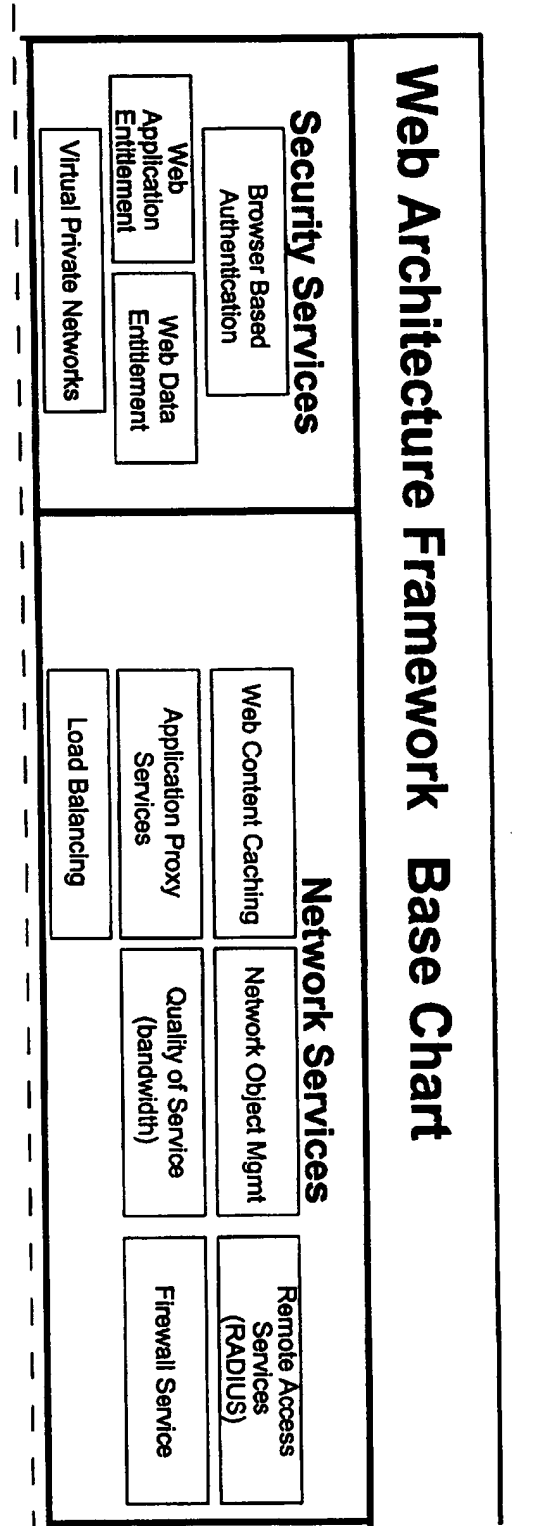


Fig. 21A

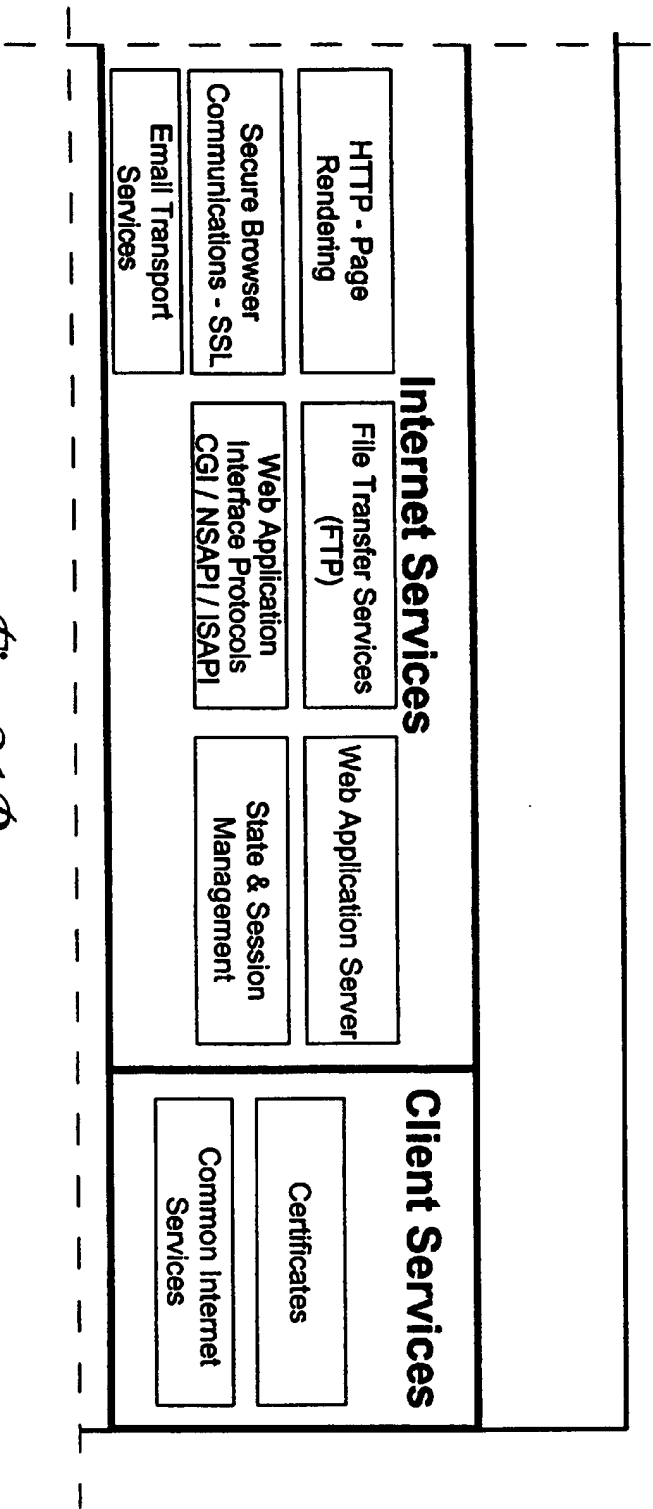


Fig. 21B

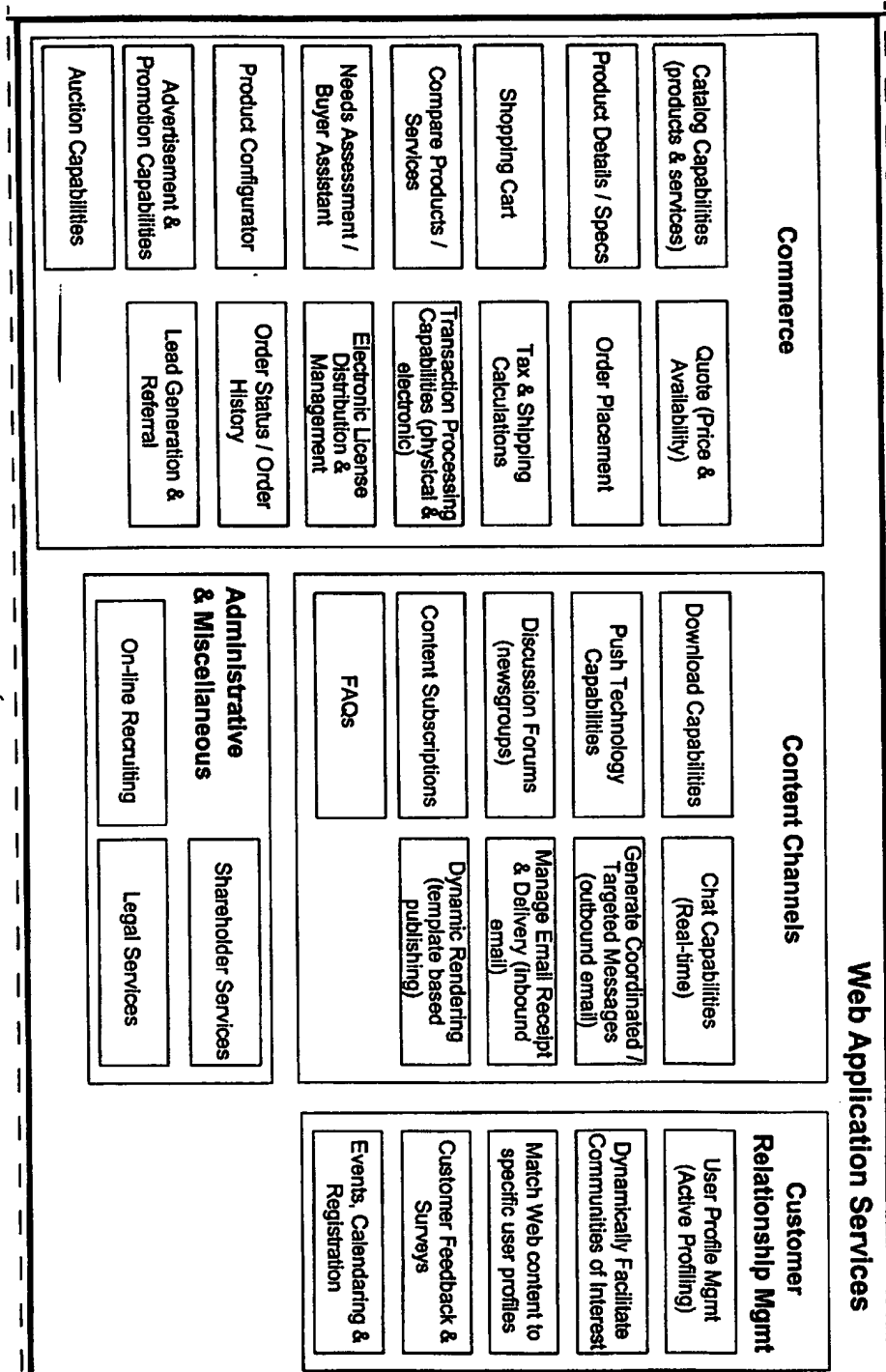


Fig. 21C

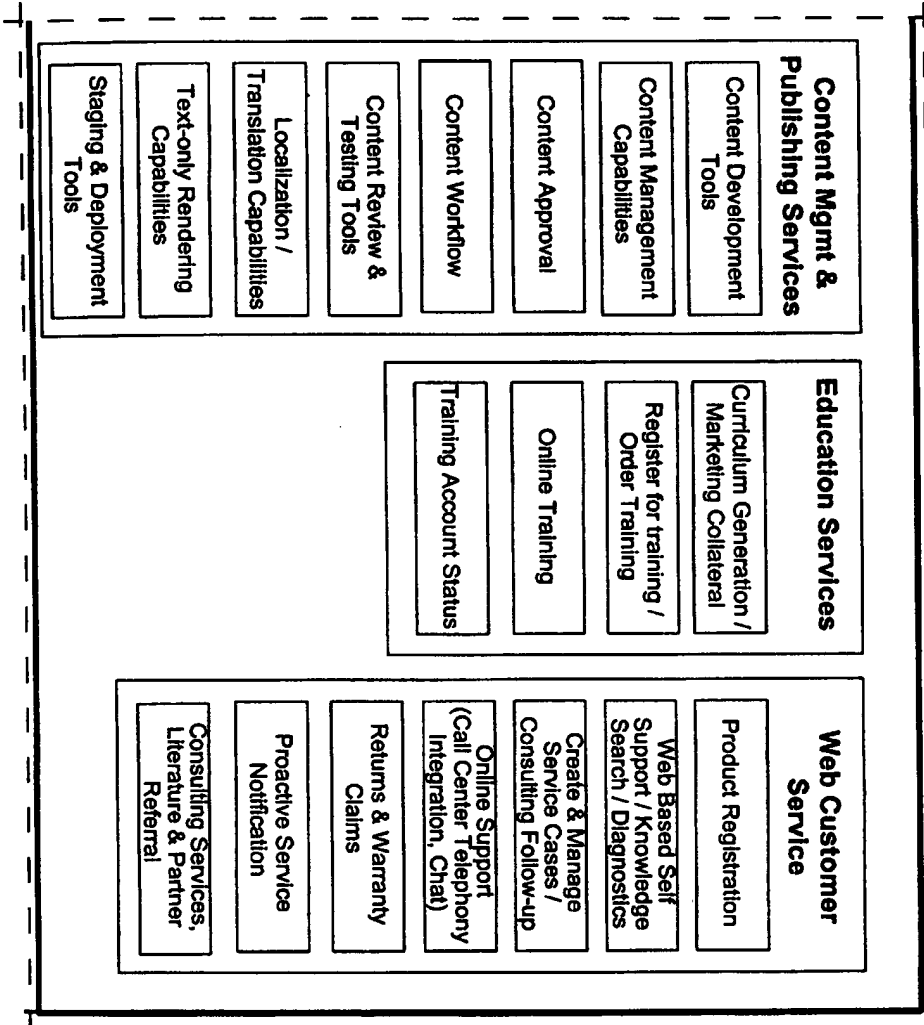


Fig. 21D

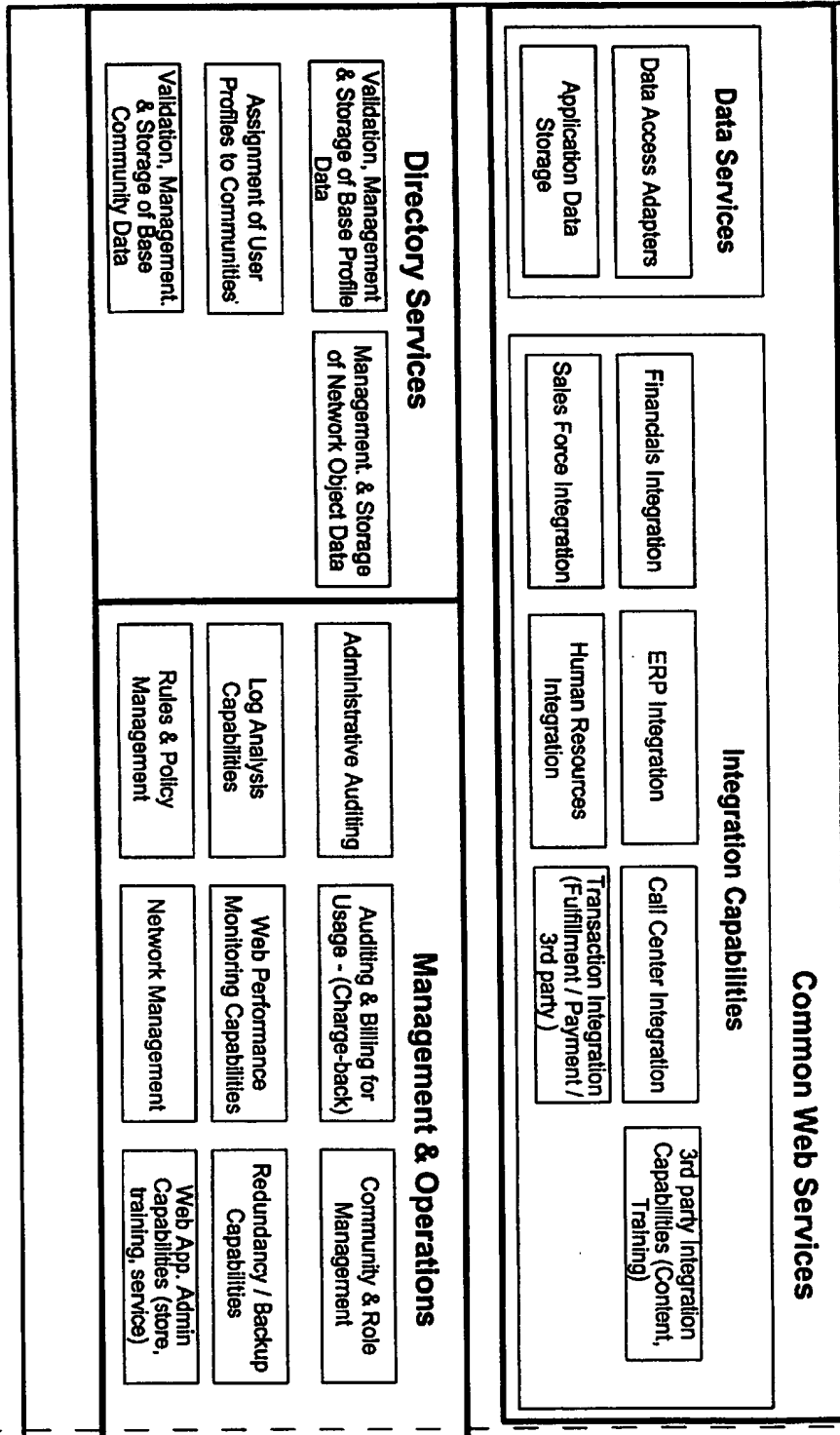


Fig. 21C

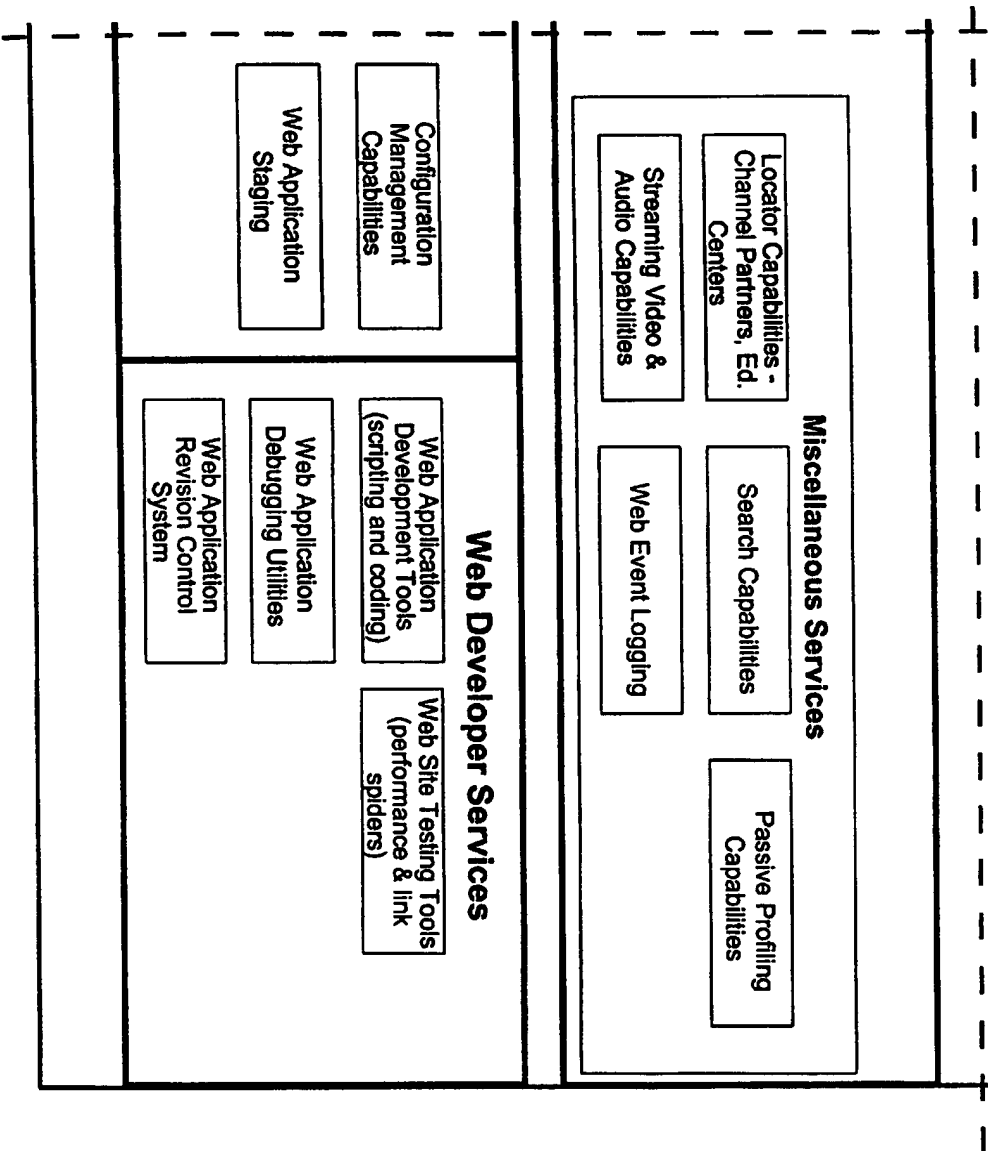


Fig. 21

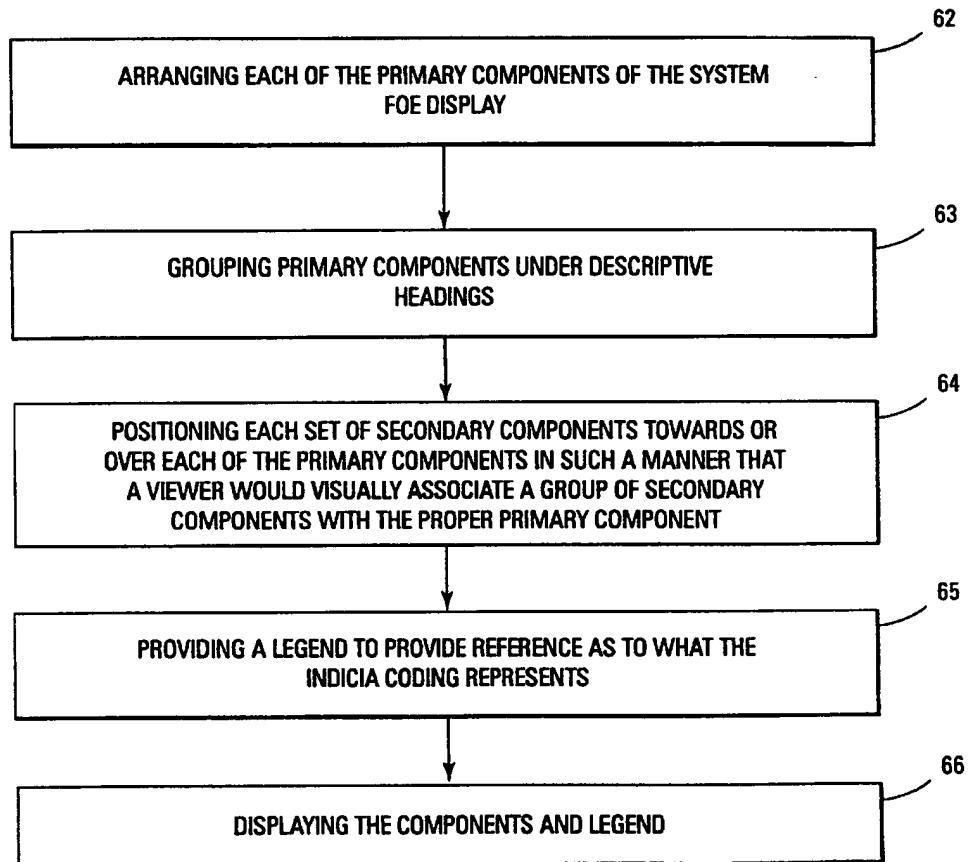


Fig. 22

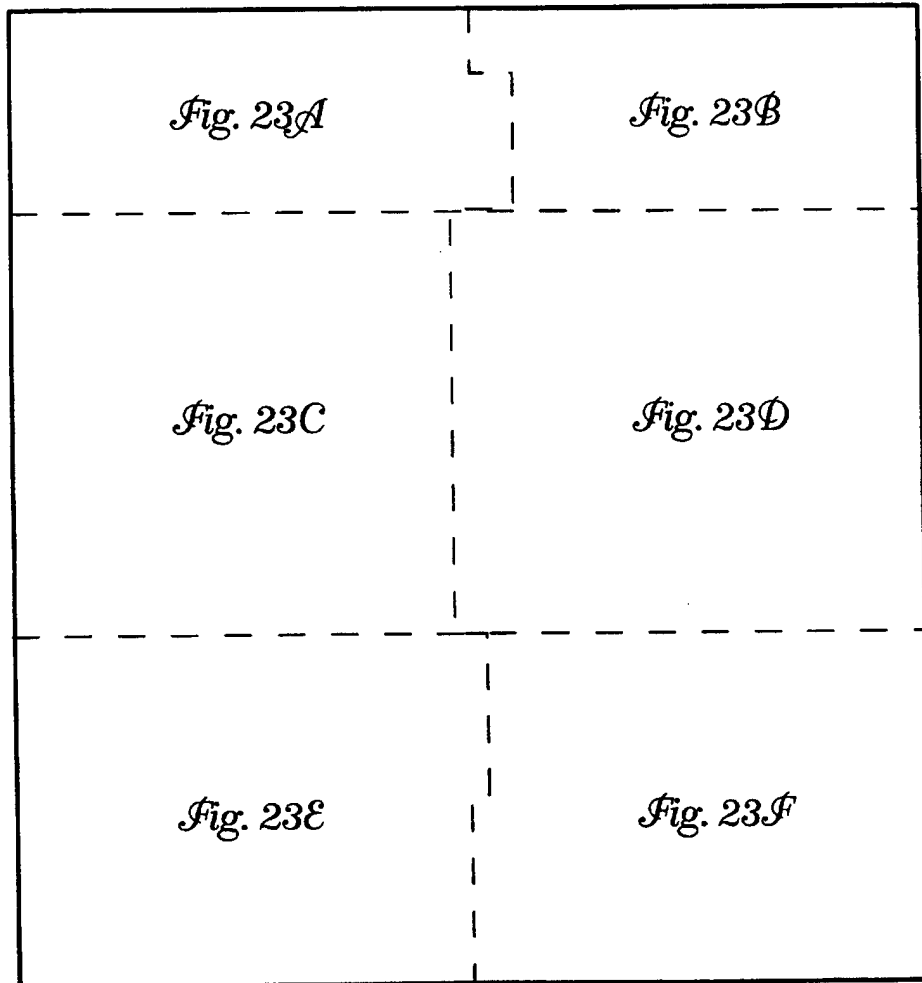


Fig. 23

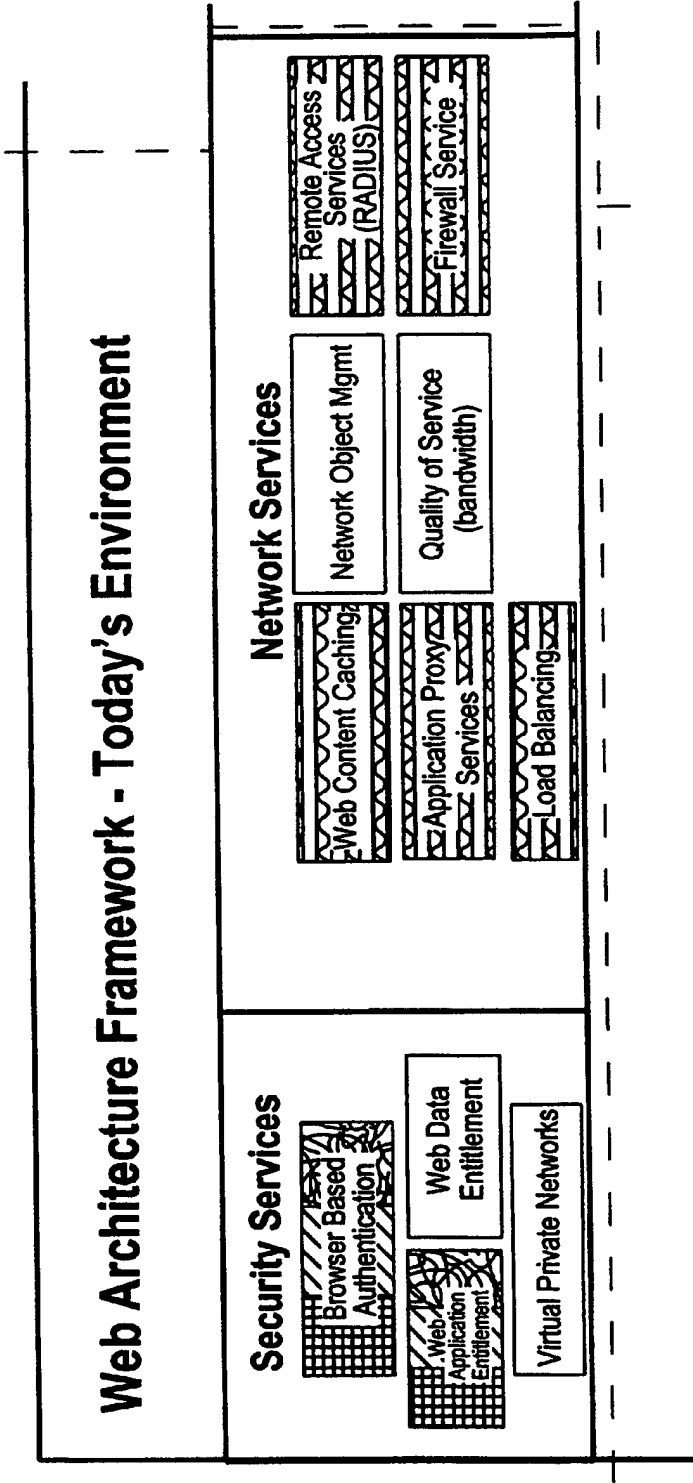


Fig. 23A

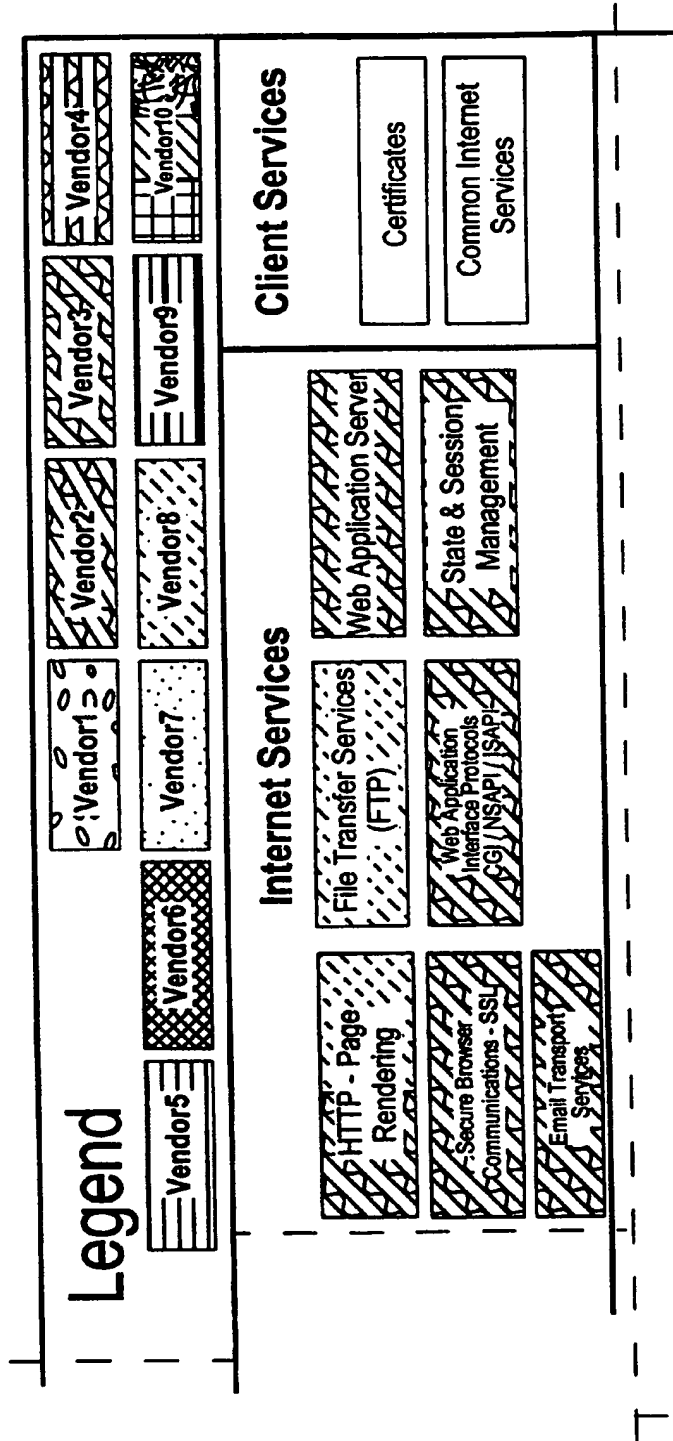
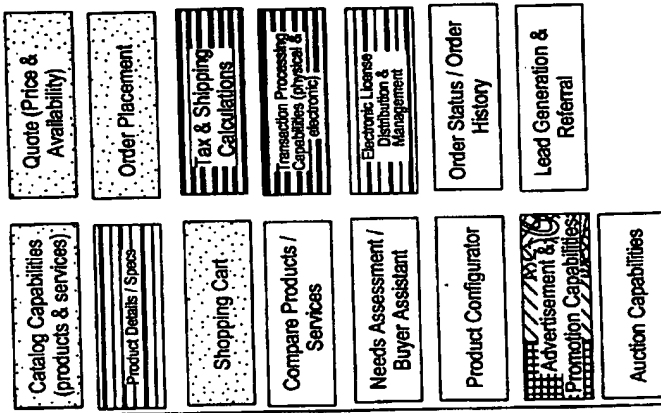


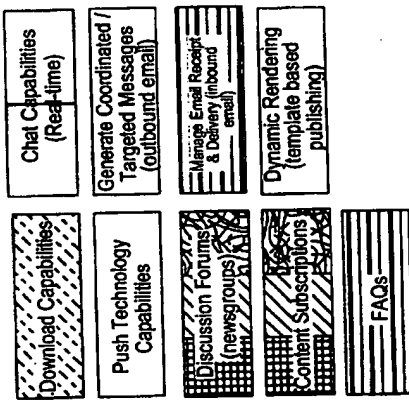
Fig. 23B

Web Application Services

Commerce



Content Channels



Administrative & Miscellaneous



Fig. 23C

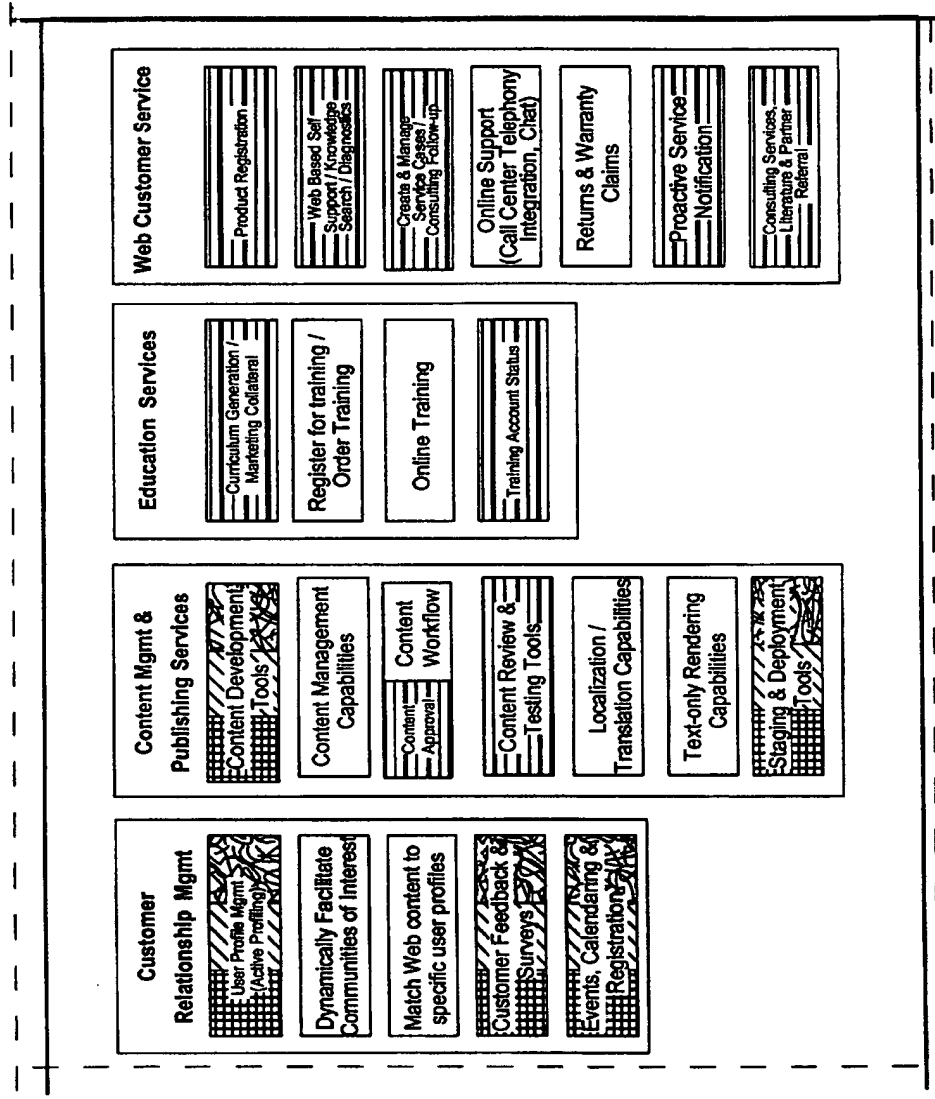


Fig. 23D

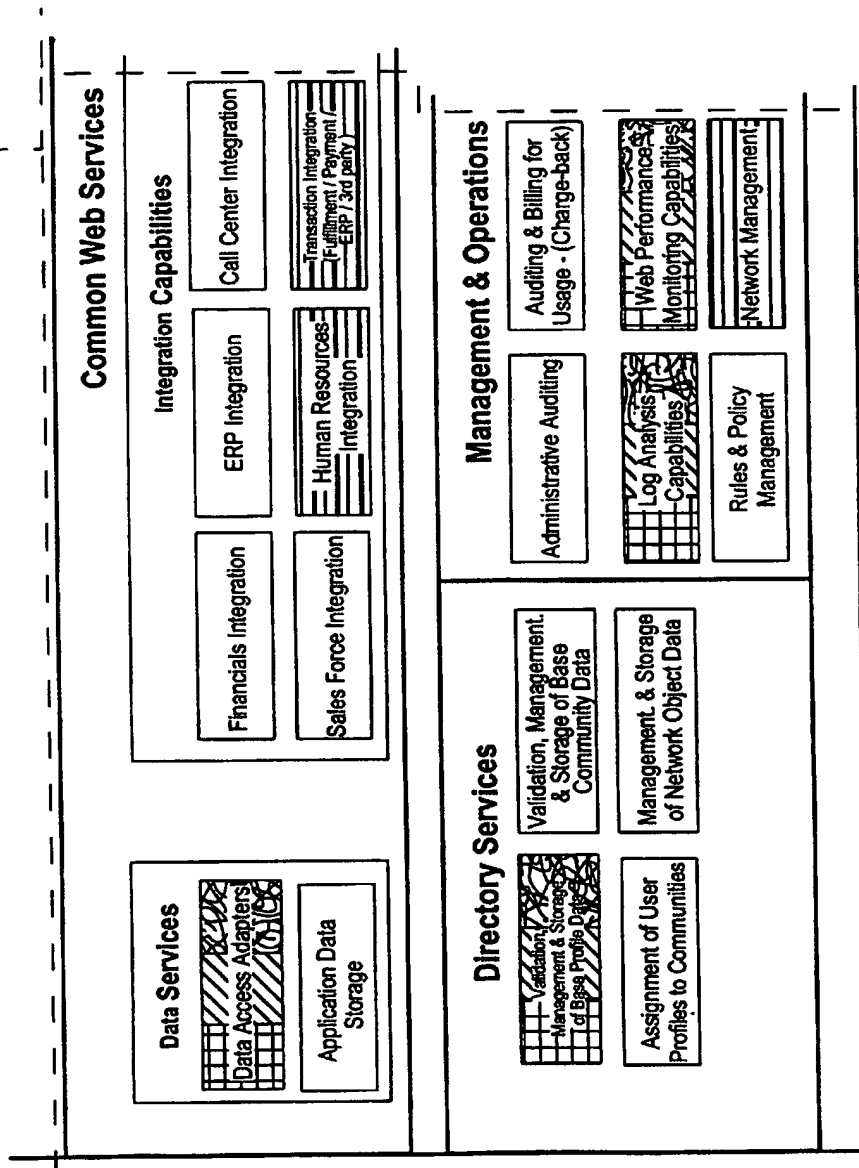


Fig. 23E

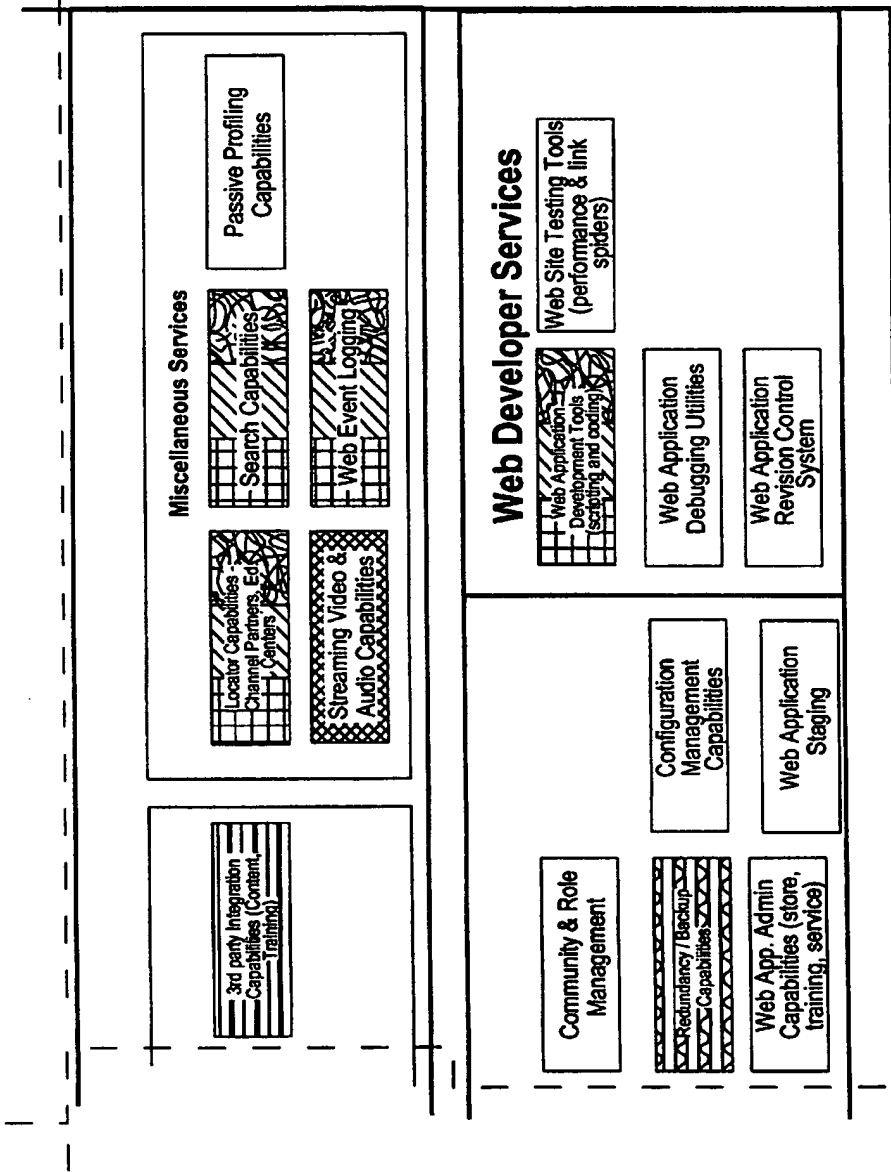


Fig. 23F

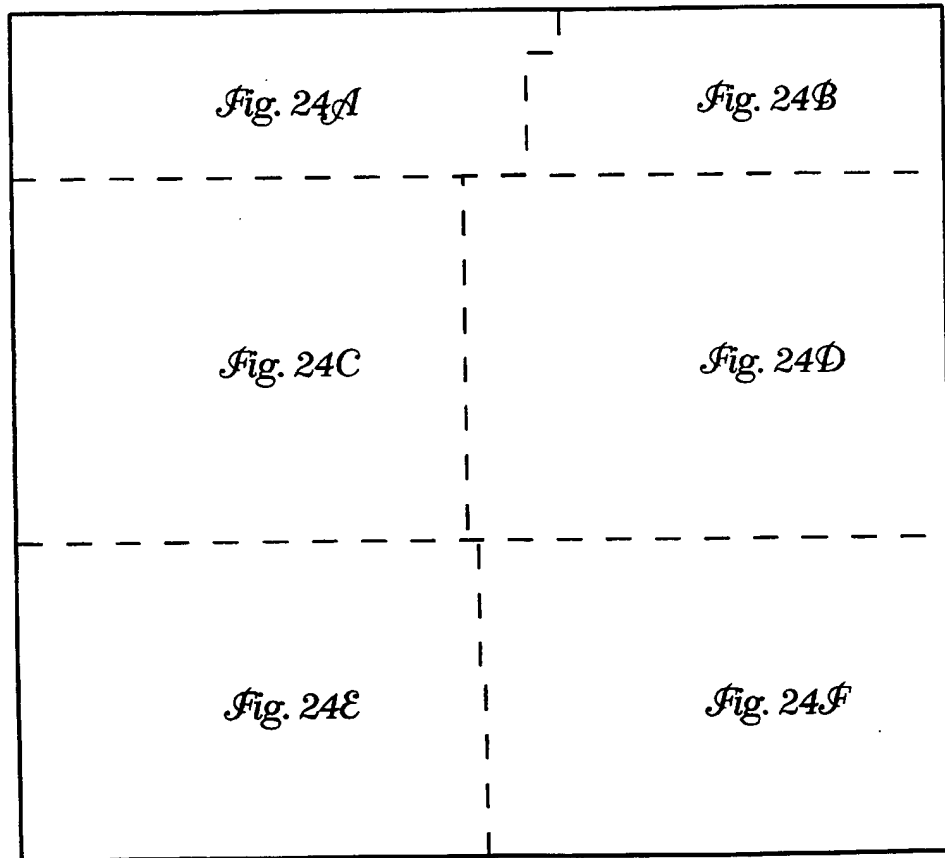


Fig. 24

Web Architecture Framework - Core Commerce Capabilities

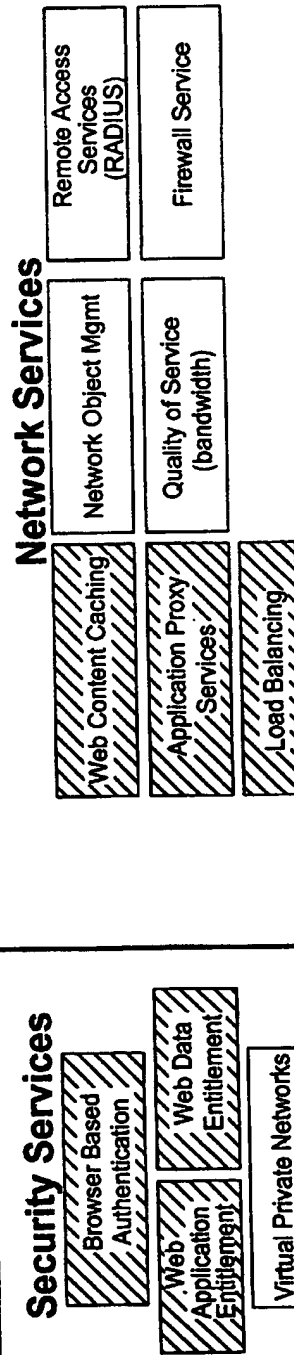


Fig. 24A

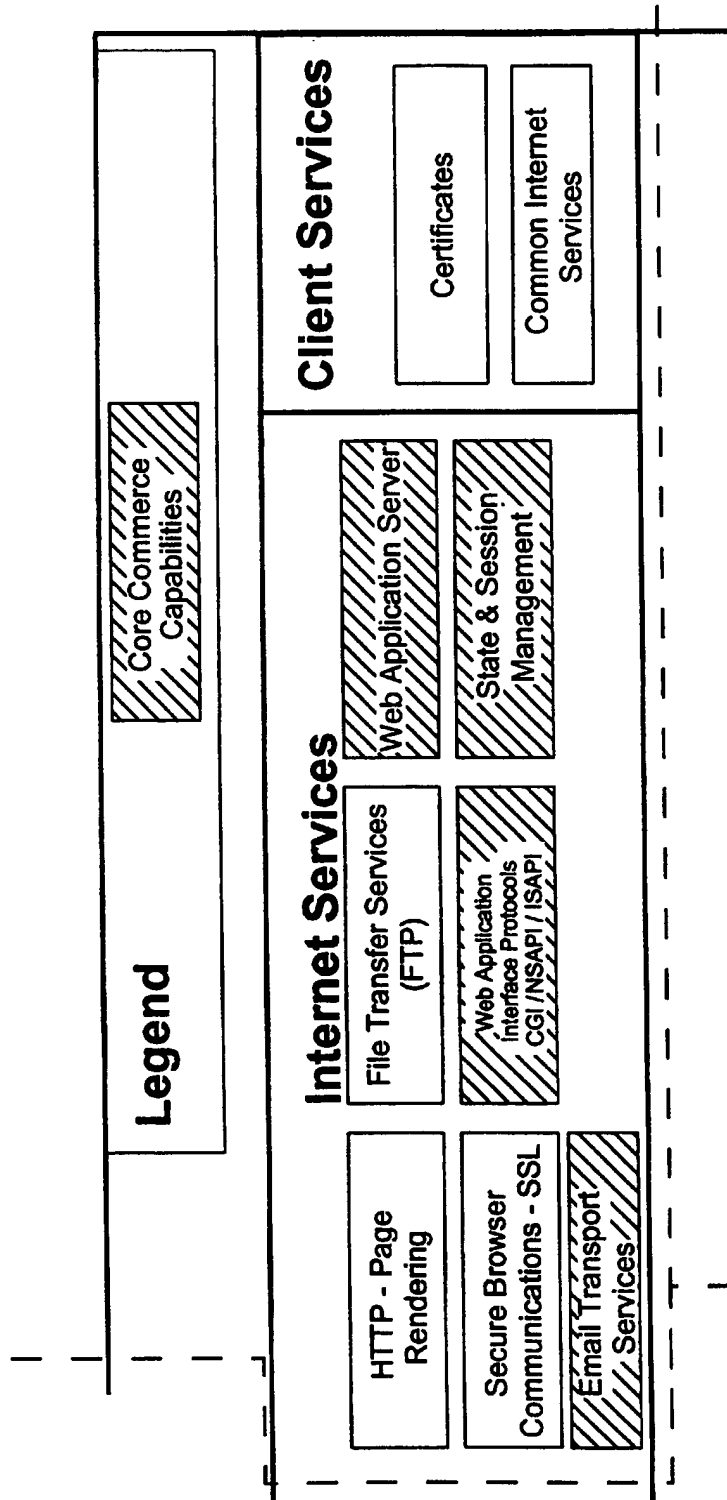


Fig. 24B

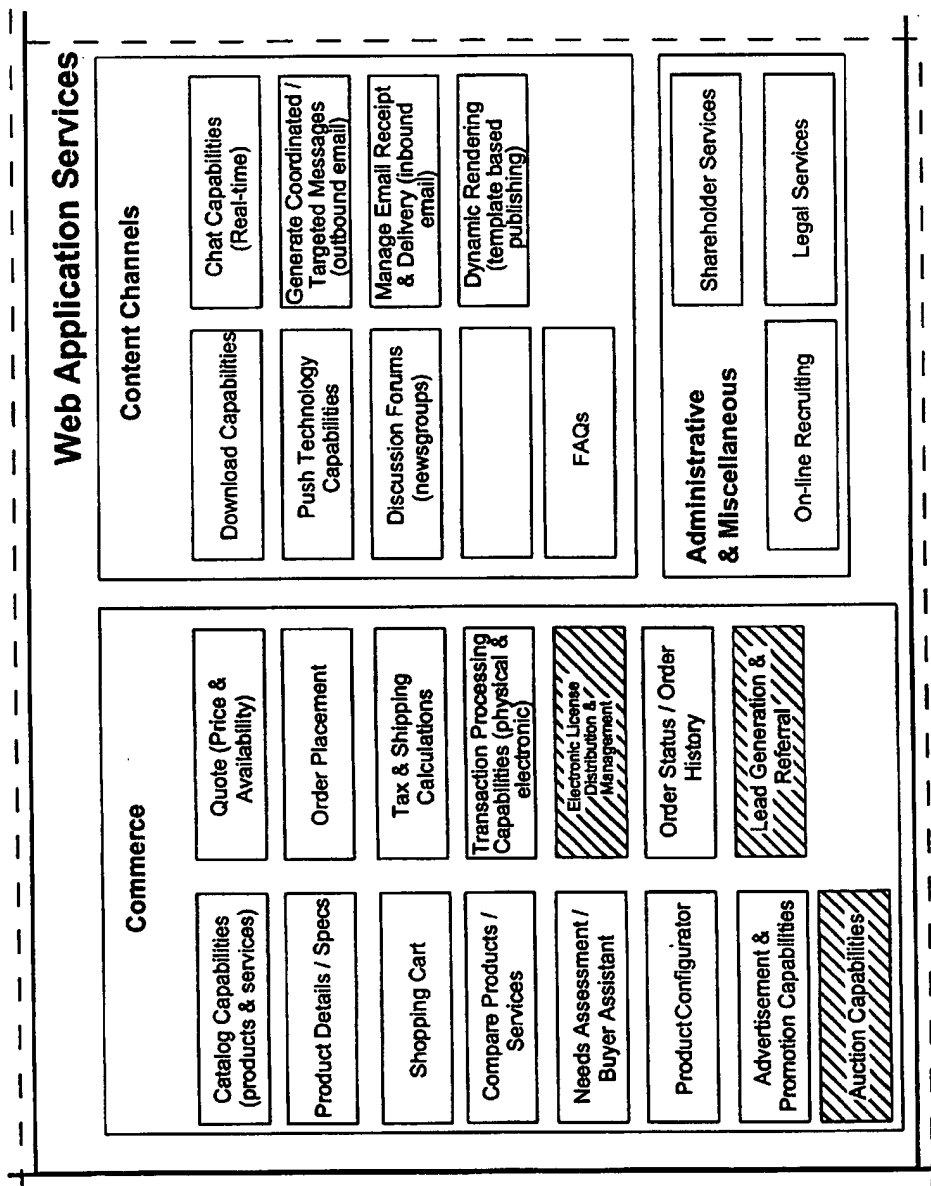


Fig. 24C

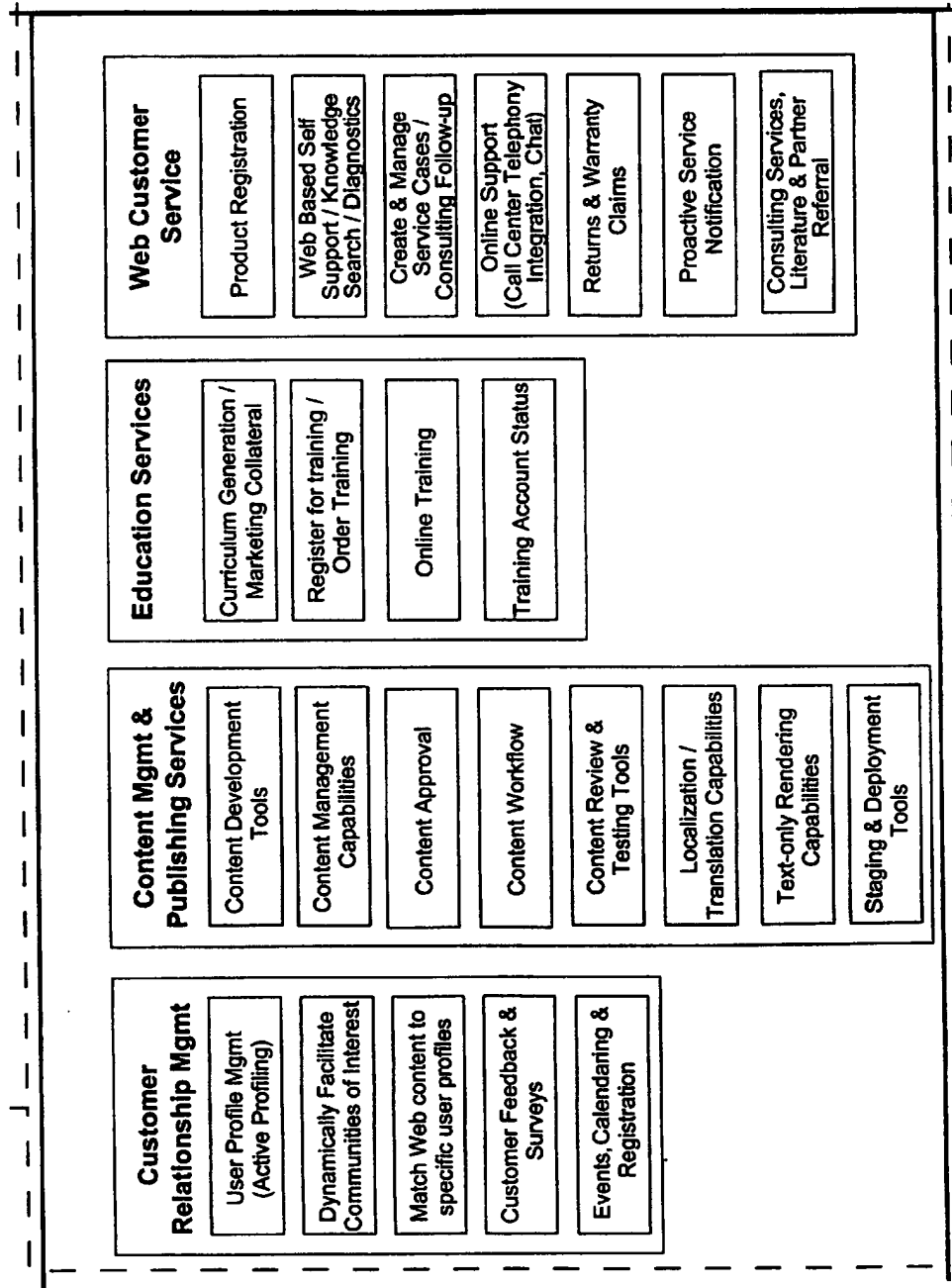


Fig. 24D

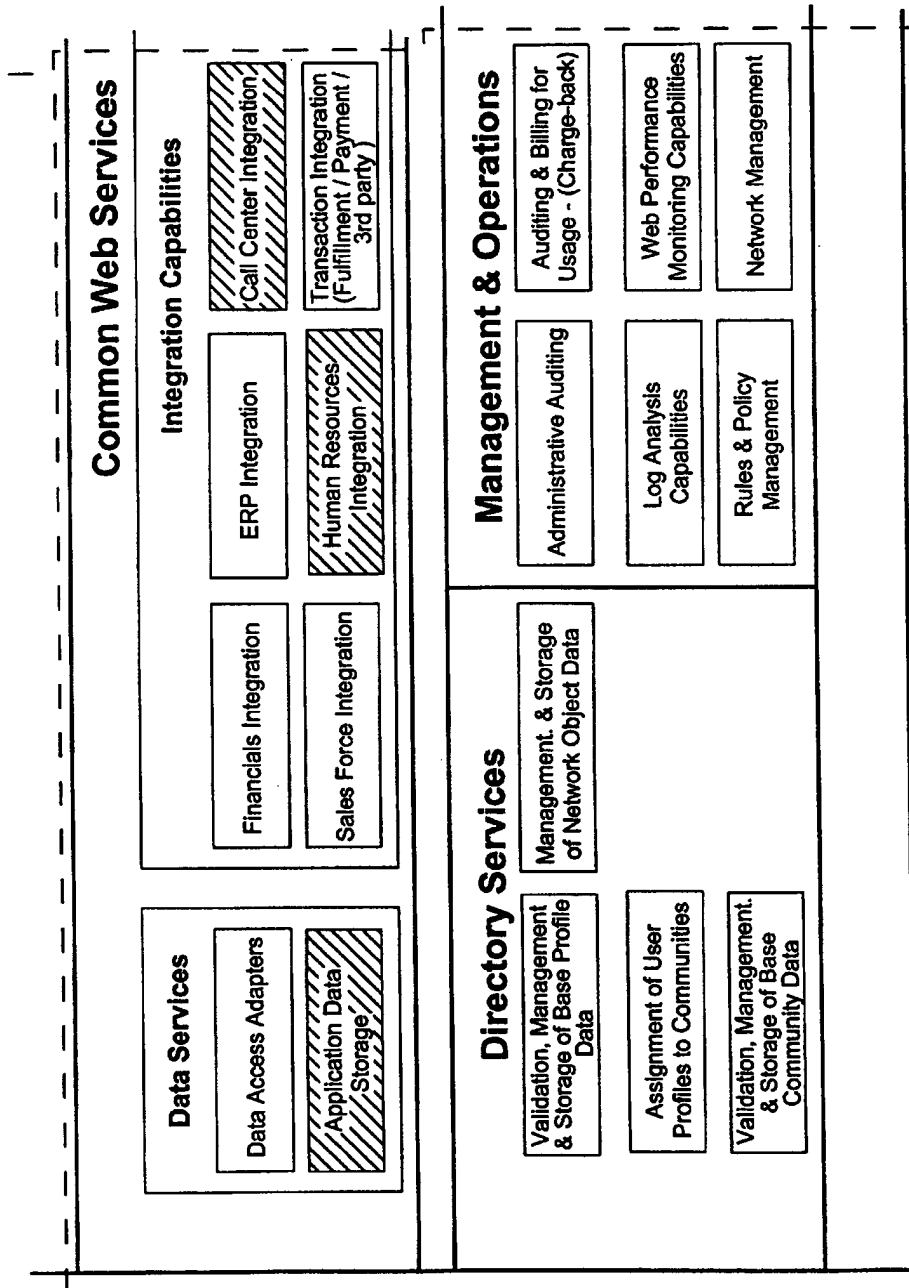


Fig. 24E

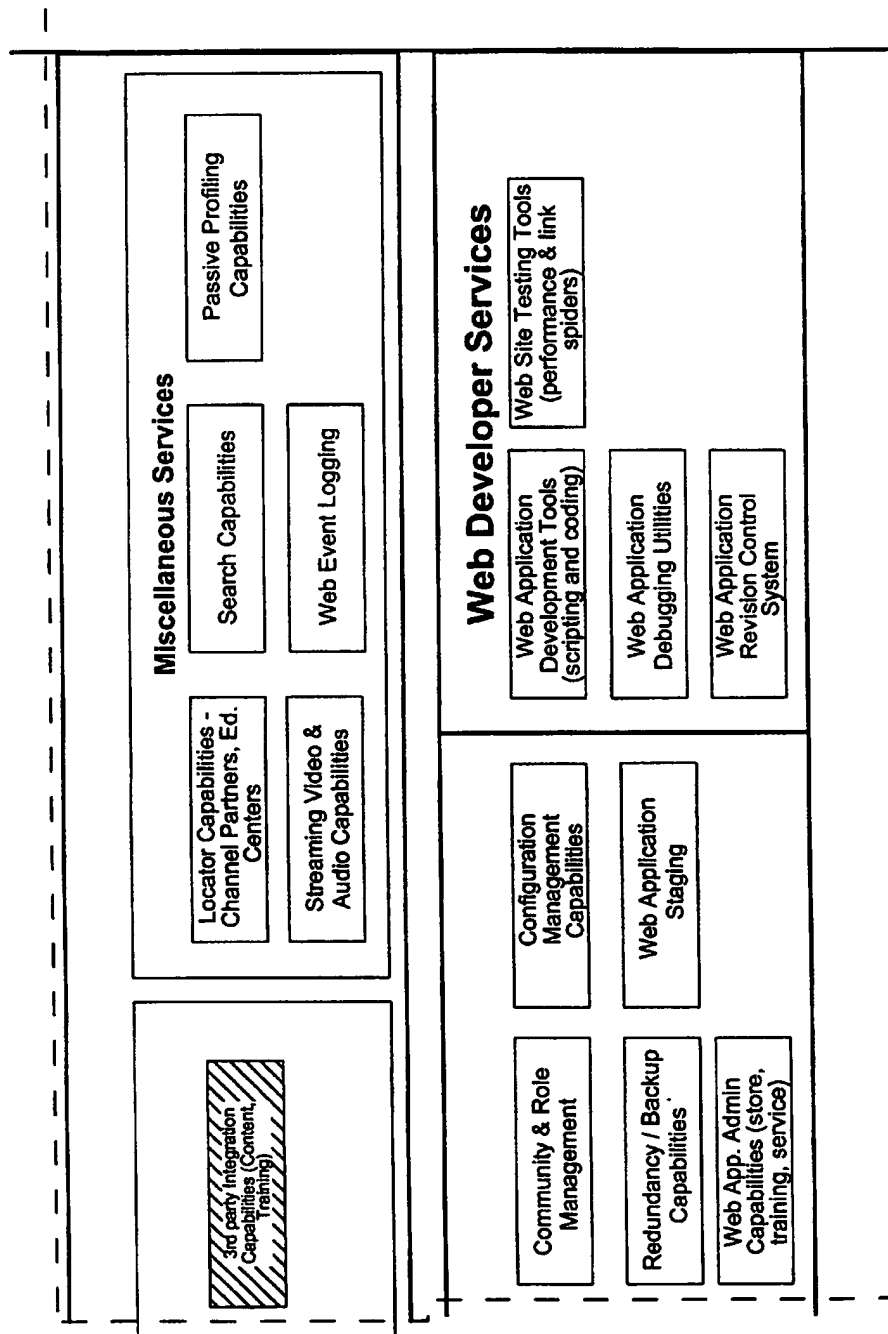


Fig. 24f

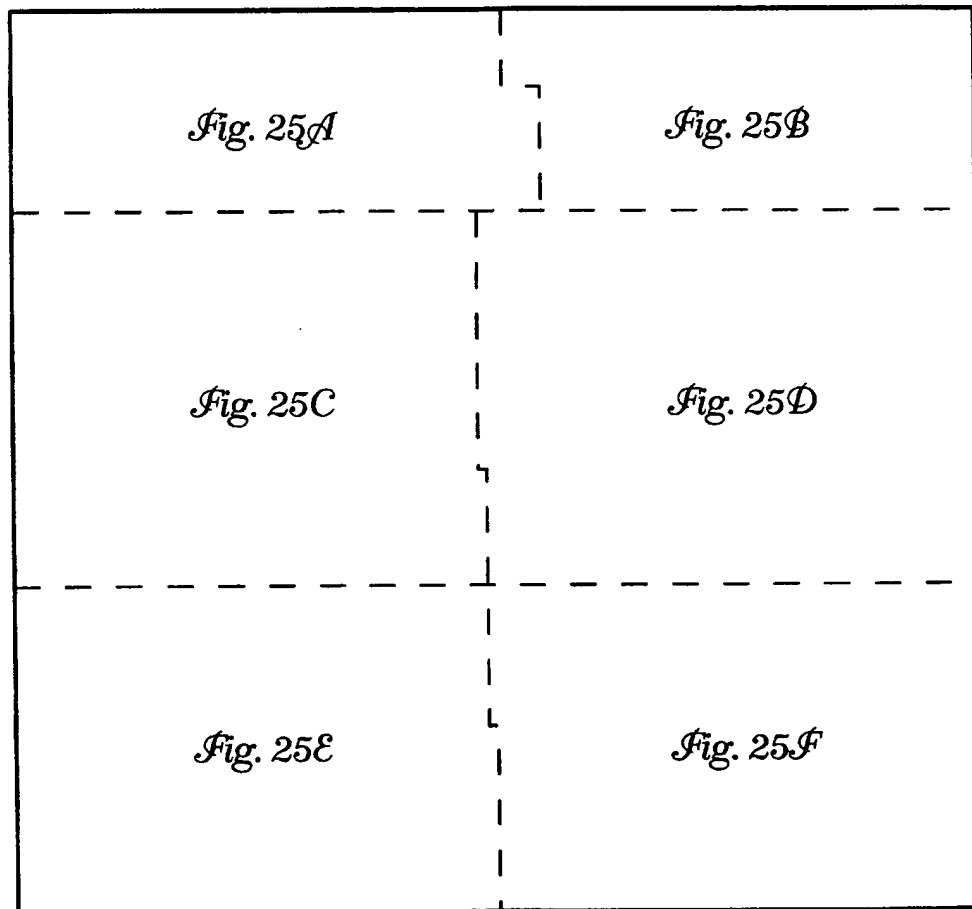


Fig. 25

Web Architecture Framework - Immediate Activities

Security Services

Browser Based
Authentication

Web Application
Entitlement

Web Data
Entitlement

Virtual Private Networks

Network Services

Web Content Caching

Application Proxy
Services

Load Balancing

Network Object Mgmt

Quality of Service
(bandwidth)

Remote Access
Services
(RADIUS)

Firewall Service

Fig. 25A

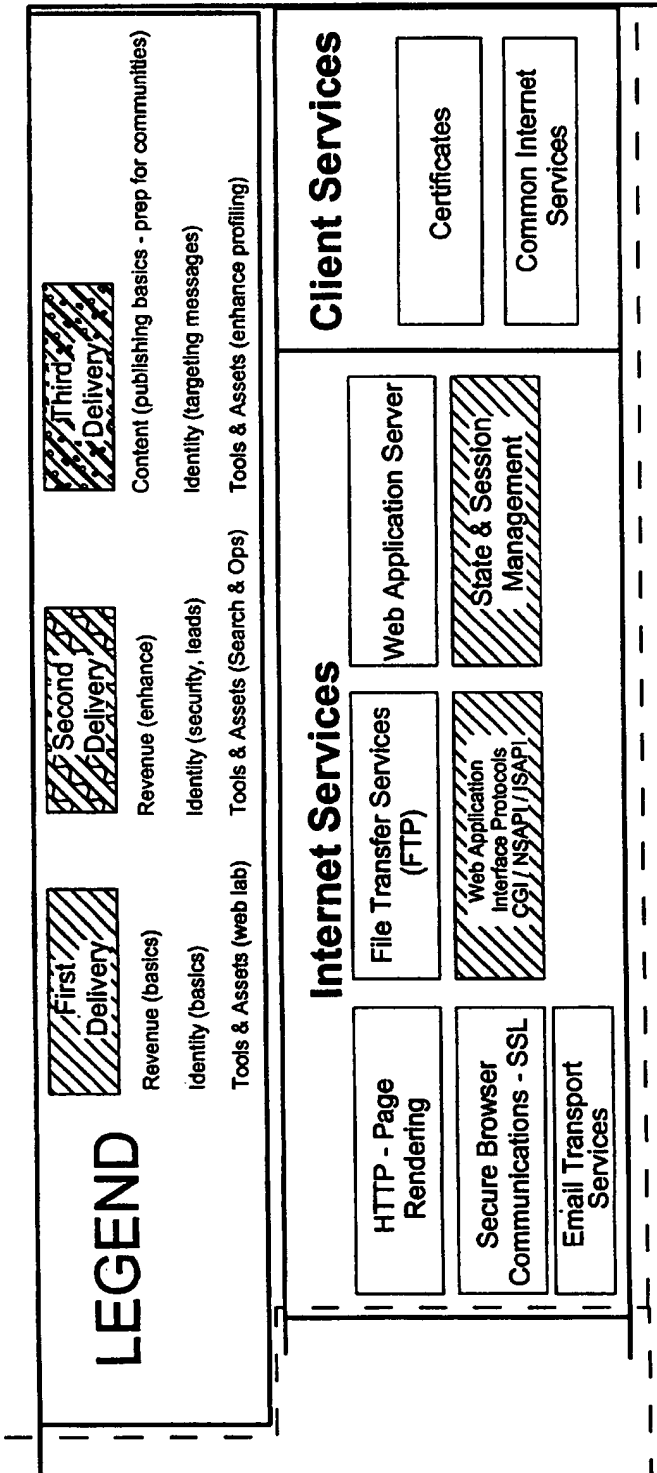


Fig. 25B

Web Application Services

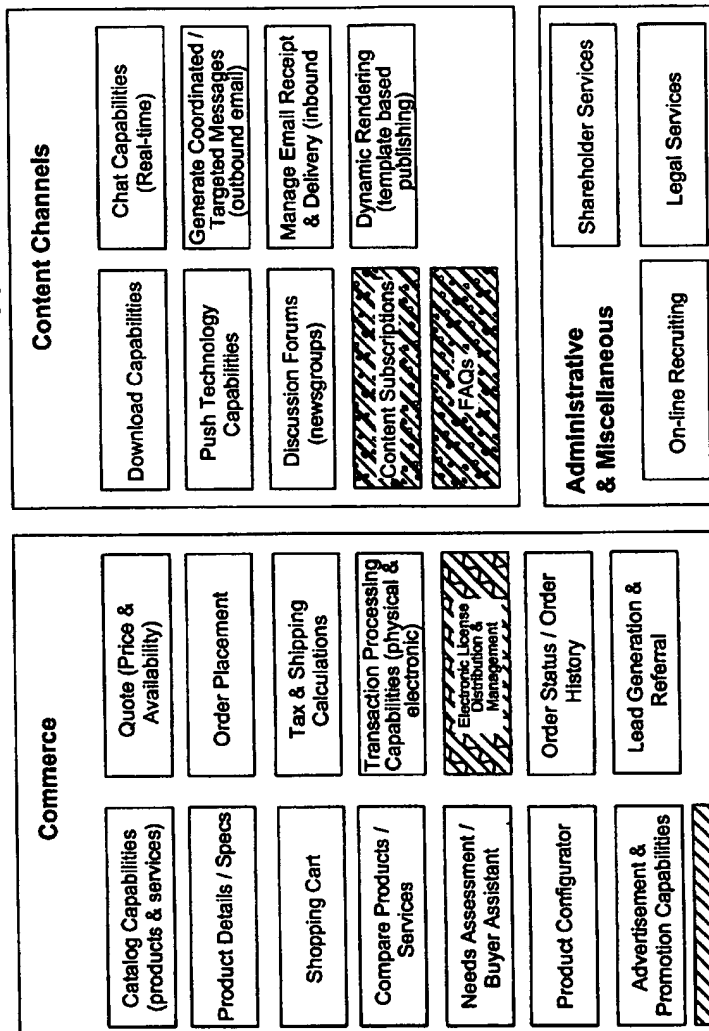


Fig. 25C

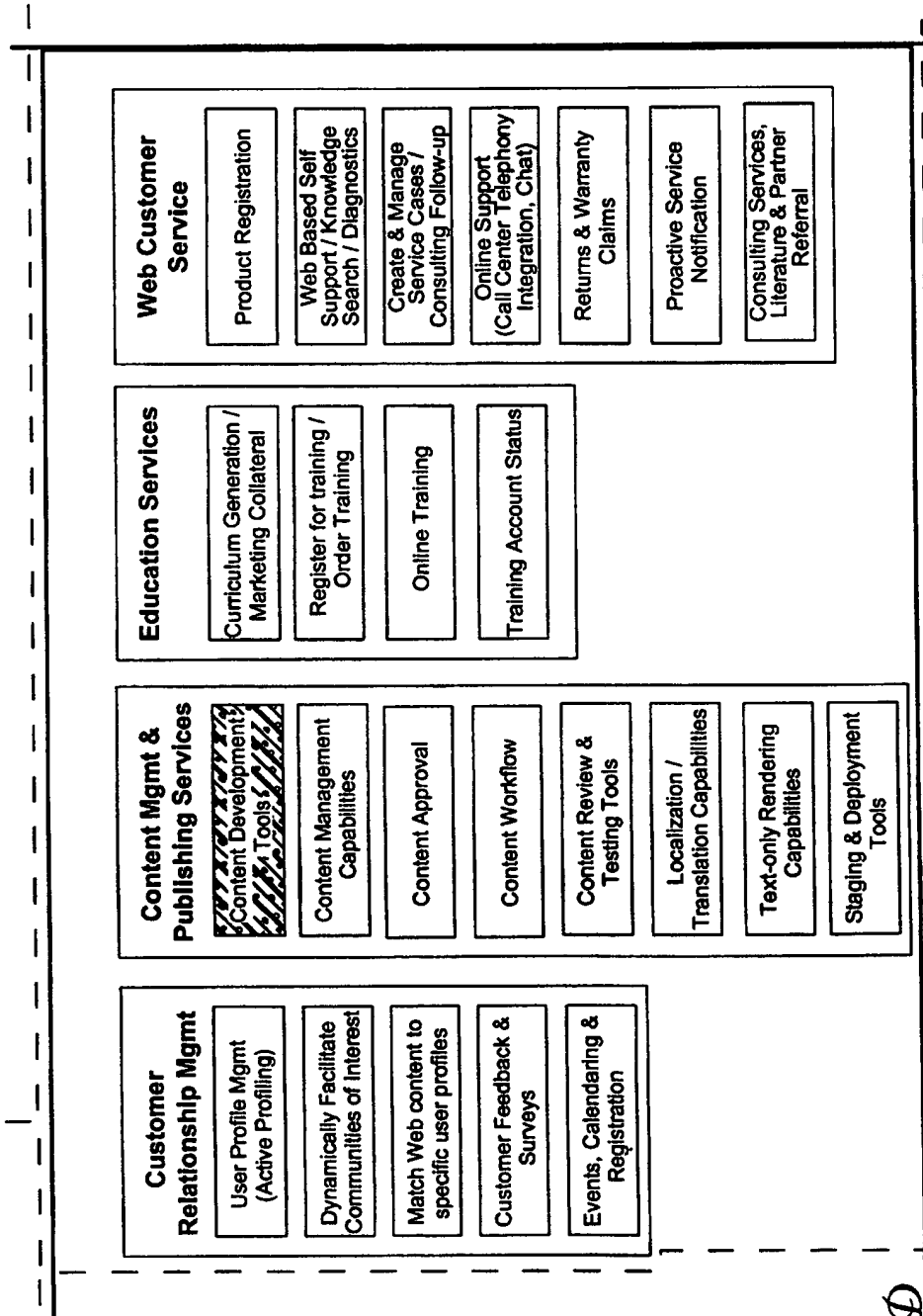


Fig. 25D

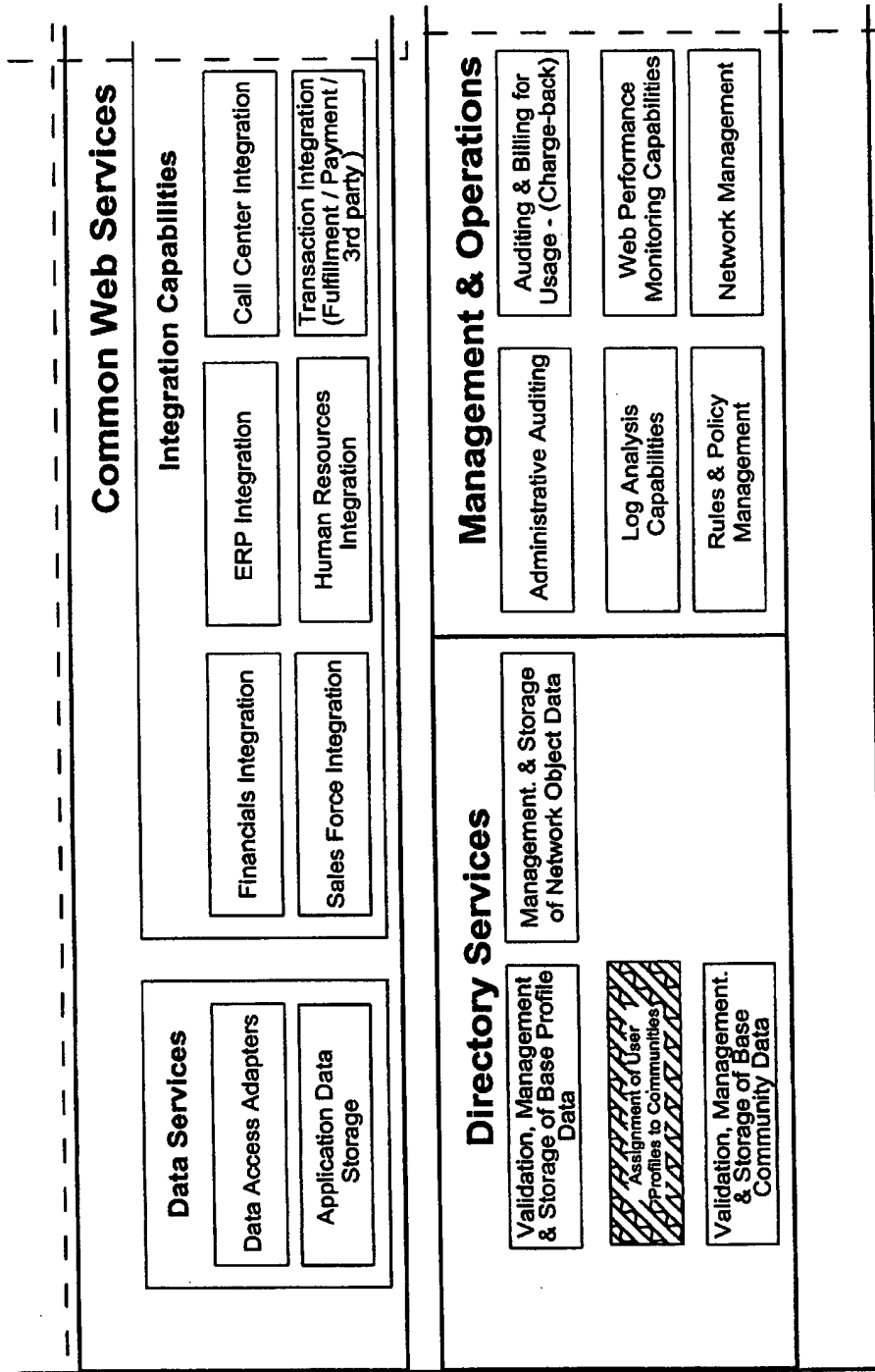


Fig. 25E

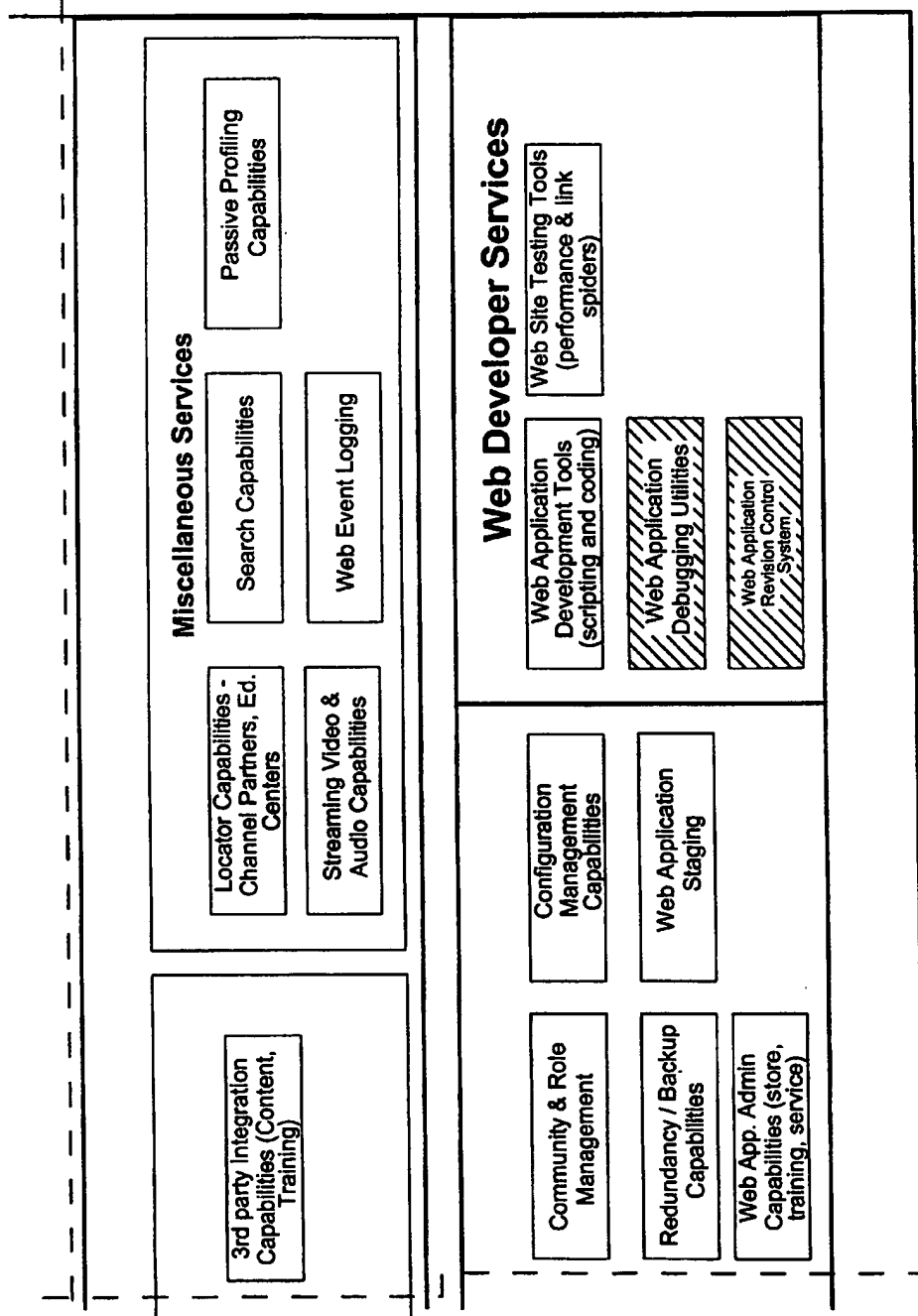


Fig. 25A

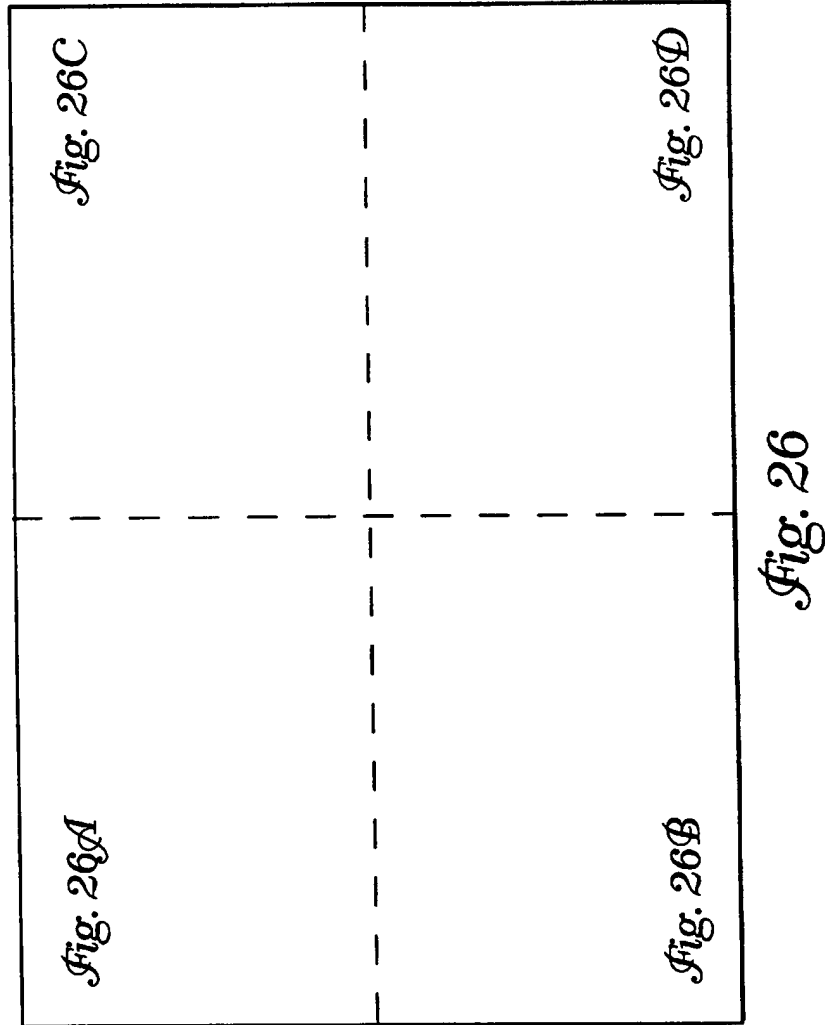





Fig. 26A **Core Commerce Capabilities - Infrastructure Services**

| <u>Core Capabilities</u> | <u>Existing Capabilities</u> |
|---|---|
|  | <input type="checkbox"/> Verifies user identity using built-in browser functionality <input type="checkbox"/> Maintains authentication information throughout sessions <input type="checkbox"/> Utilizes centralized directory of profiles <input type="checkbox"/> Provides LDAP compatibility <input type="checkbox"/> Provides NDS Compatibility |
|  | <input type="checkbox"/> Restricts access to specific web applications based upon user privileges <input type="checkbox"/> Determines if a user or group of users have permission to perform an operation in a specific application <input type="checkbox"/> Utilizes centralized directory of profiles for entitlement data <input type="checkbox"/> Provides LDAP compatibility <input type="checkbox"/> Provides NDS compatibility |
|  | <input type="checkbox"/> Restricts access to web content and data based upon user privileges <input type="checkbox"/> Determines if a user or group of users have permission to manipulate web data (create, read, update, delete) <input type="checkbox"/> Utilizes centralized directory of profiles for entitlement data <input type="checkbox"/> Provides LDAP compatibility <input type="checkbox"/> Provides NDS compatibility |

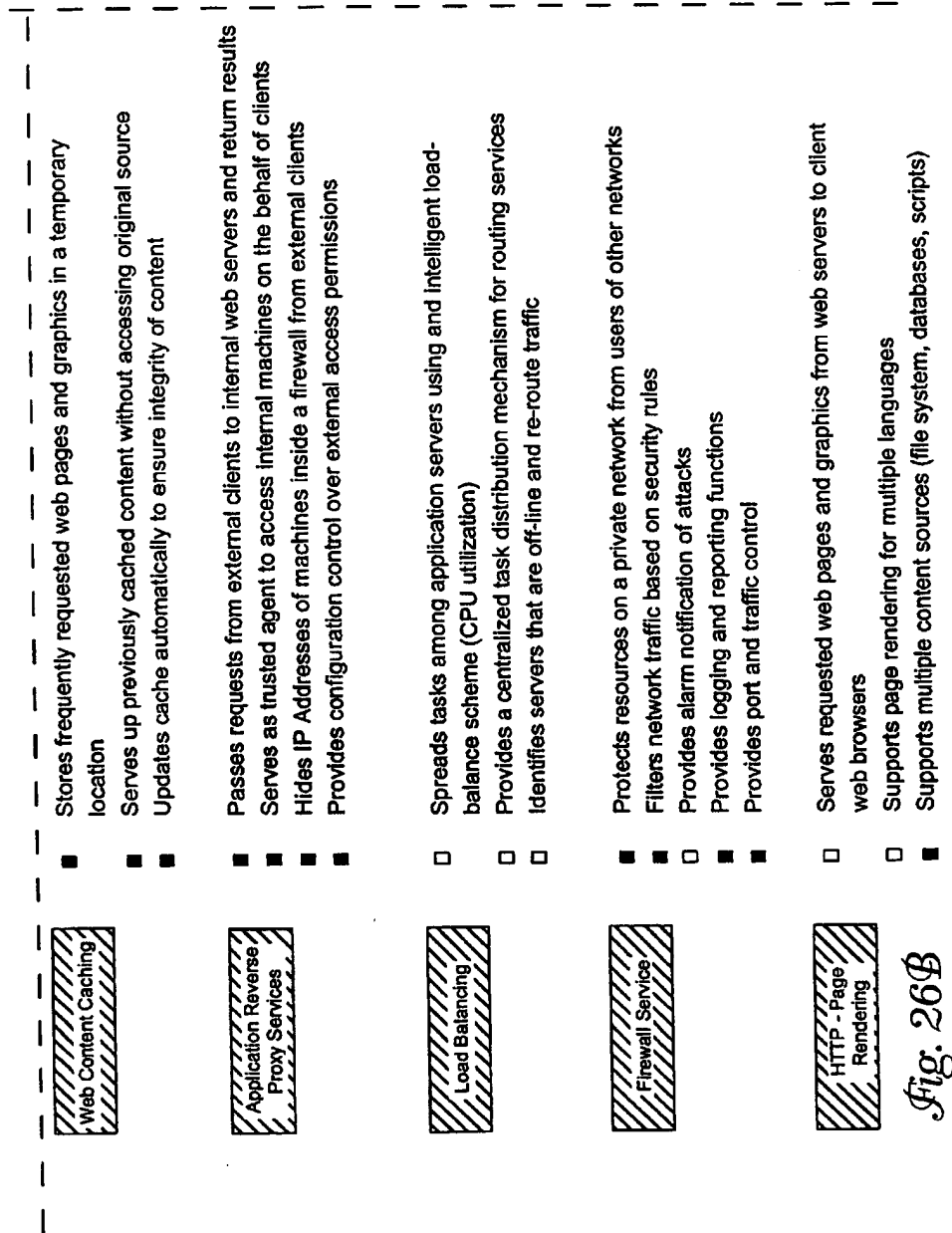


Fig. 26B

Fig. 26C

| Legend: ■ Available Today | |
|---|--|
| Core Capabilities | Existing Capabilities |
| Secure Browser Communications - SSL | <input checked="" type="checkbox"/> Provides encrypted communication with common web browsers <input checked="" type="checkbox"/> Supports the Secure Sockets Layer protocol 2.0 <input checked="" type="checkbox"/> Supports the Secure Sockets Layer protocol 3.0 |
| File Transfer Services (FTP) | <input checked="" type="checkbox"/> Transfers files between computers on the Internet using the standard File Transfer Protocol (FTP) <input checked="" type="checkbox"/> Stores files on a file system or database <input checked="" type="checkbox"/> Provides mechanism to manage access control for files on a FTP server |
| Web Application Interface Protocols CGI/NSAPI/ISAPI | <input checked="" type="checkbox"/> Supports Common Gateway Interface (CGI) protocol <input checked="" type="checkbox"/> Supports Netscape API (NSAPI) protocol <input type="checkbox"/> Supports Microsoft's API (ISAPI) protocol <input type="checkbox"/> Provides alternative to the interface mechanism that may be used |
| Web Application Server Plug-in | <input type="checkbox"/> Executes web application logic <input type="checkbox"/> Utilizes user session information to support interactive applications <input type="checkbox"/> Provides scalability features <input type="checkbox"/> Provides fail-over features <input type="checkbox"/> Provides application programming logic |

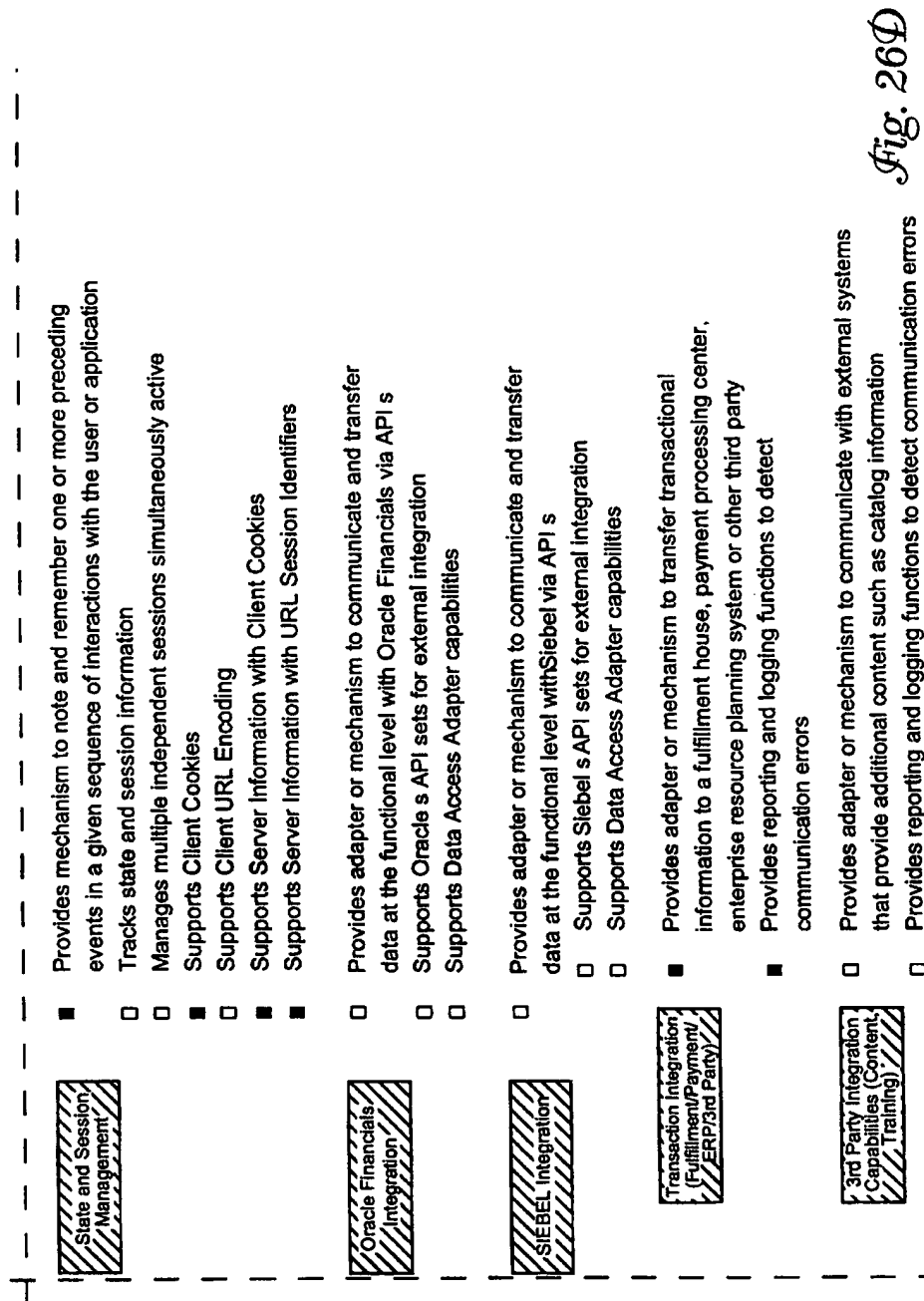


Fig. 26D

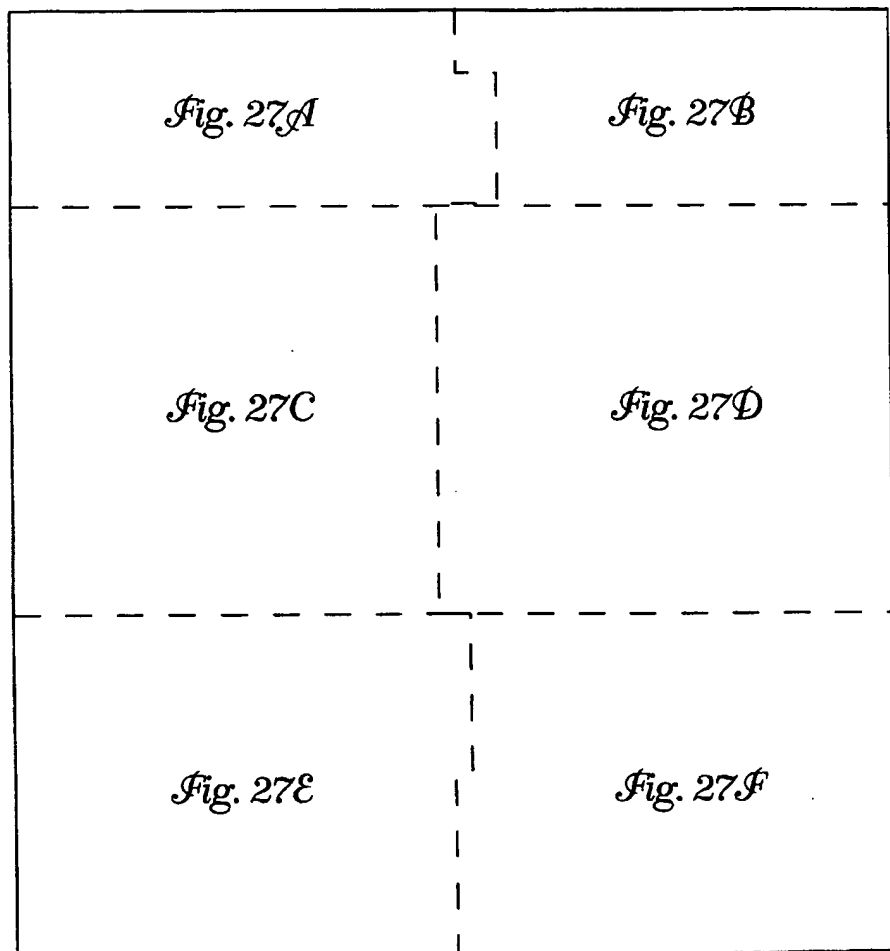


Fig. 27

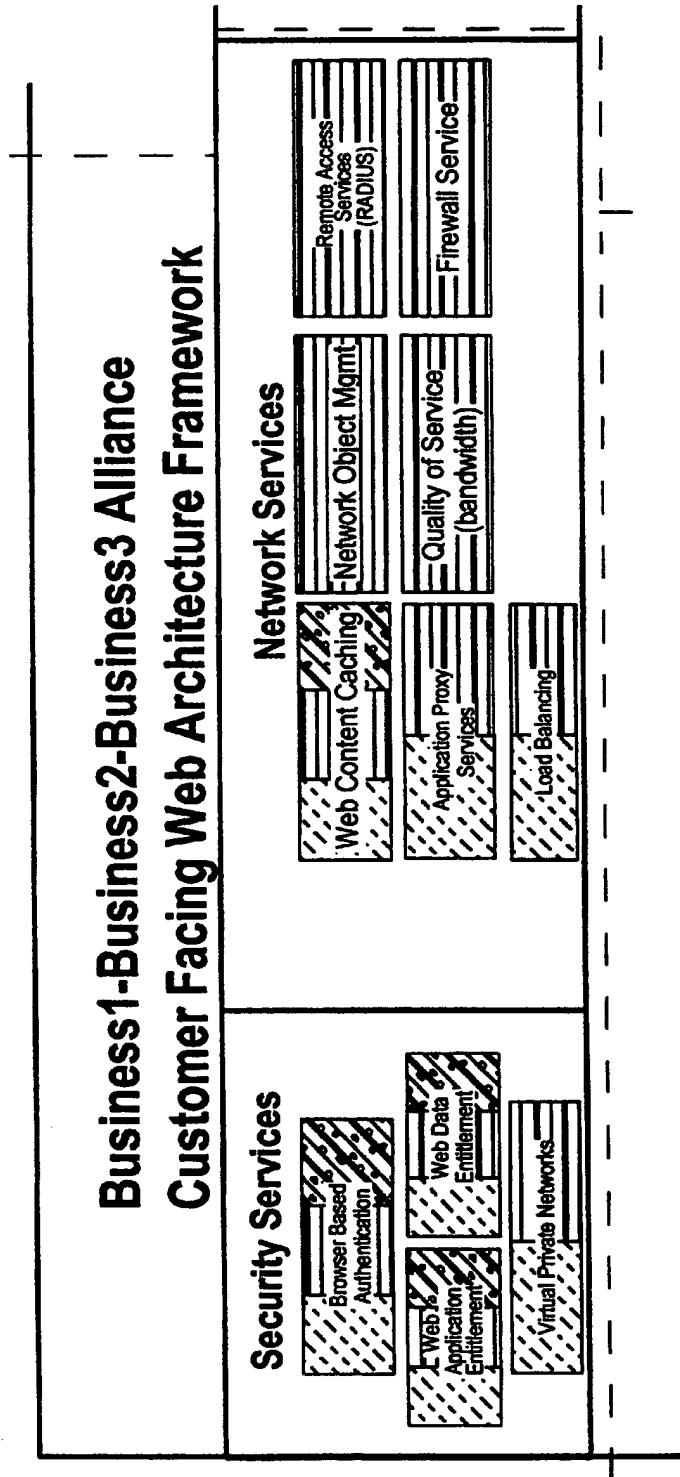


Fig. 27A

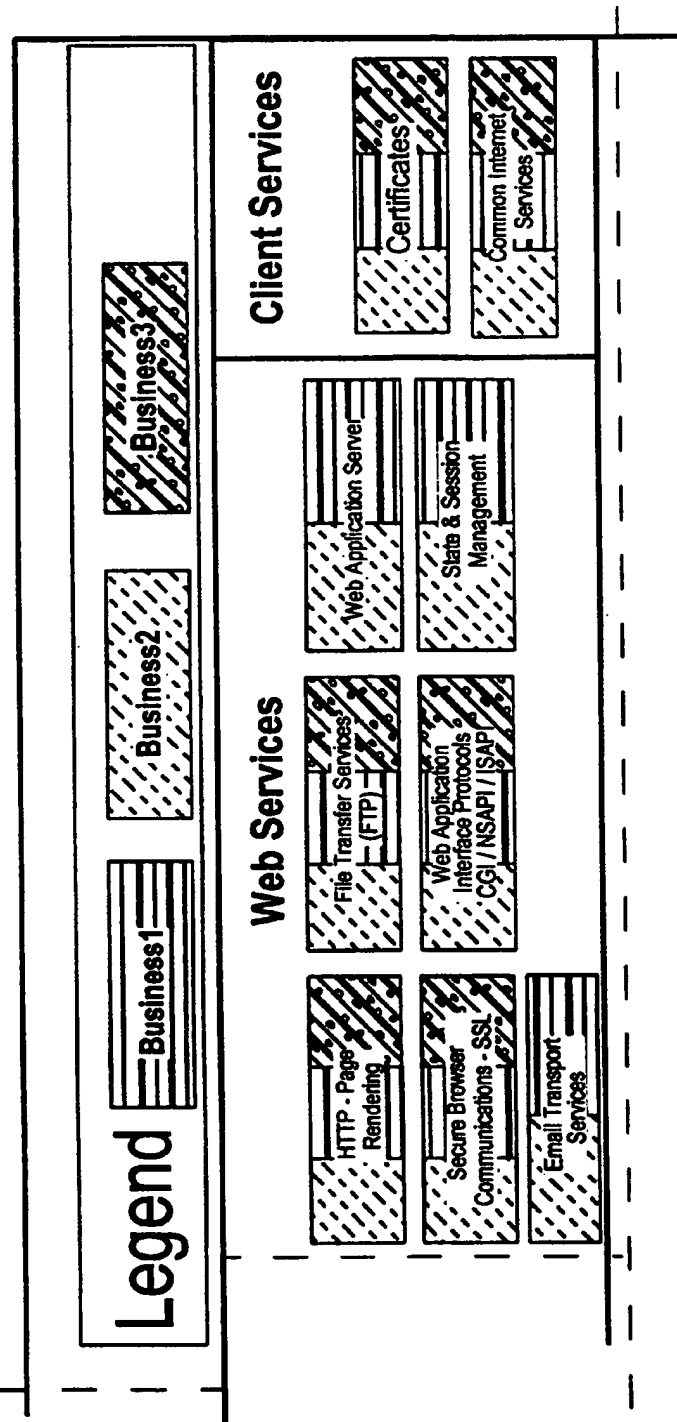
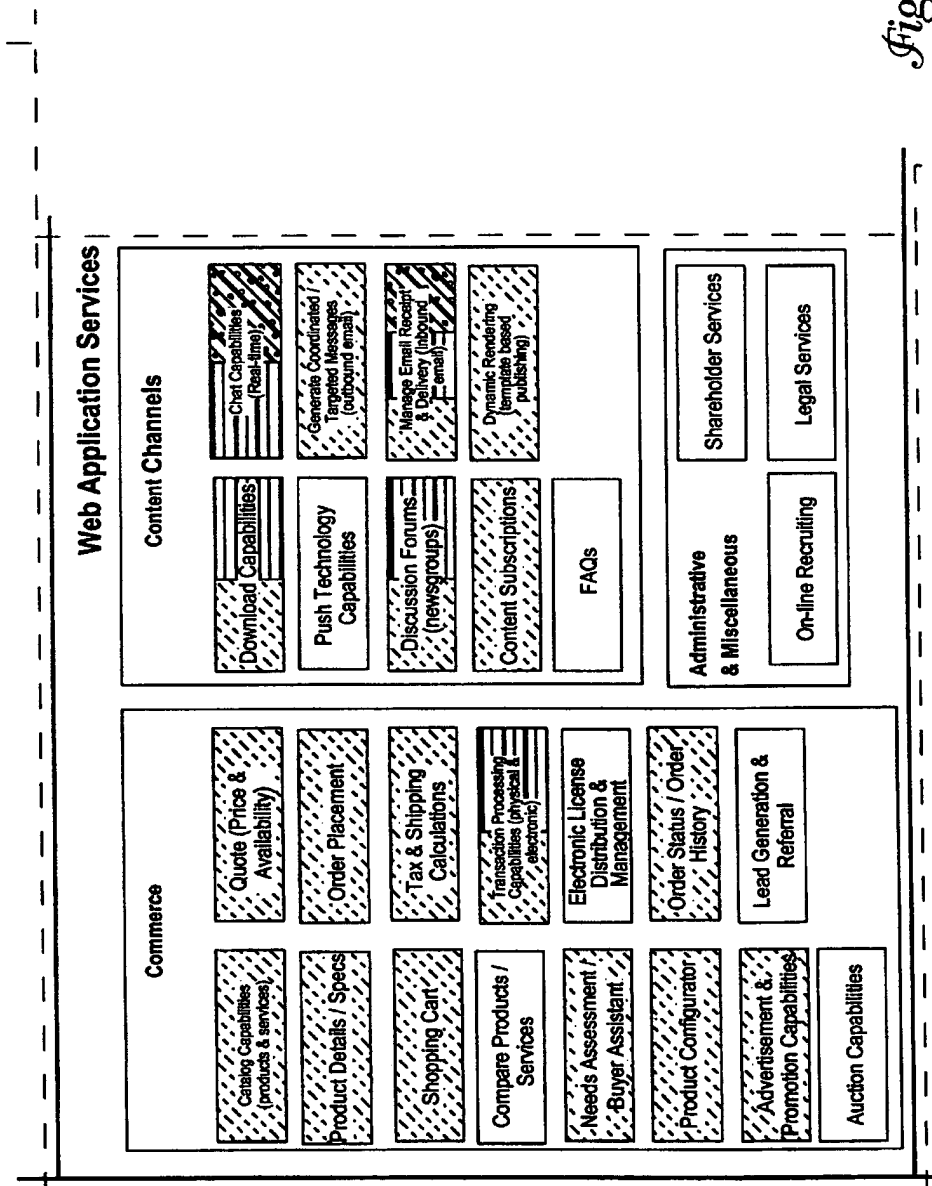


Fig. 27B



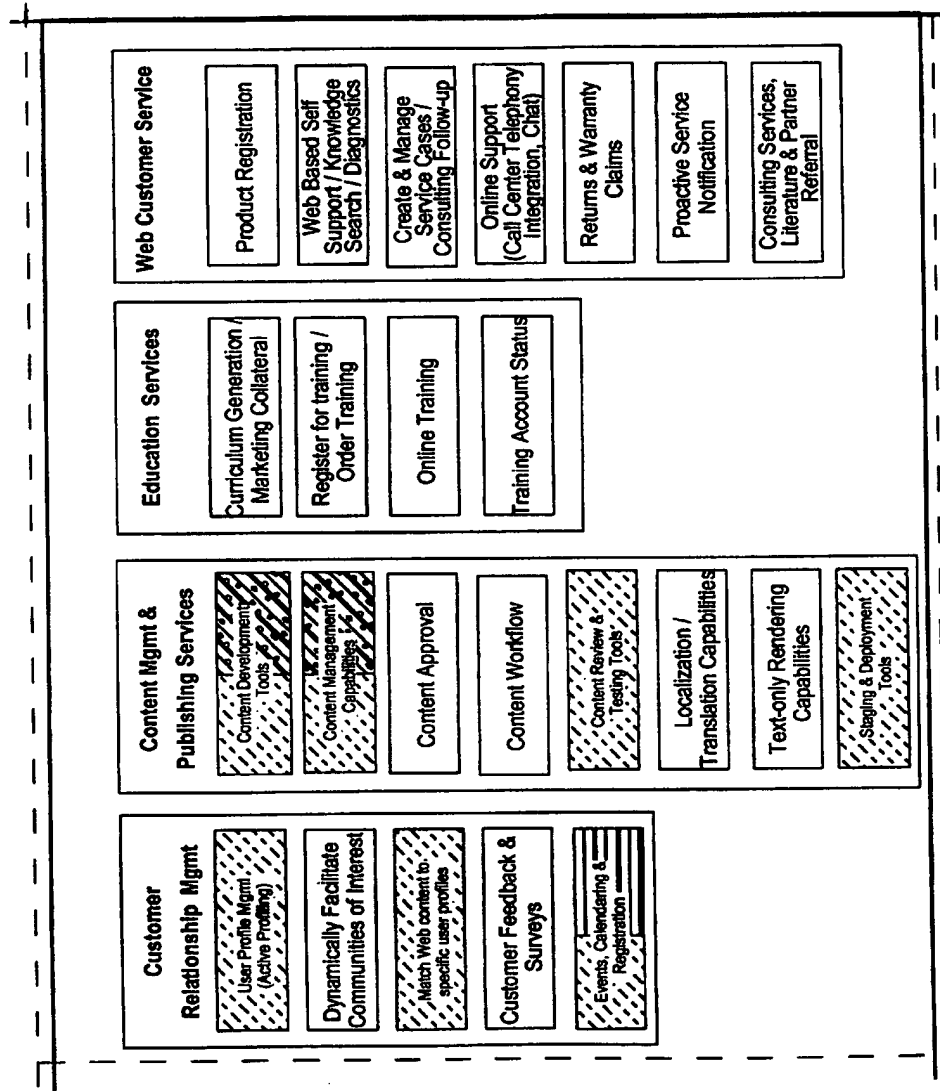
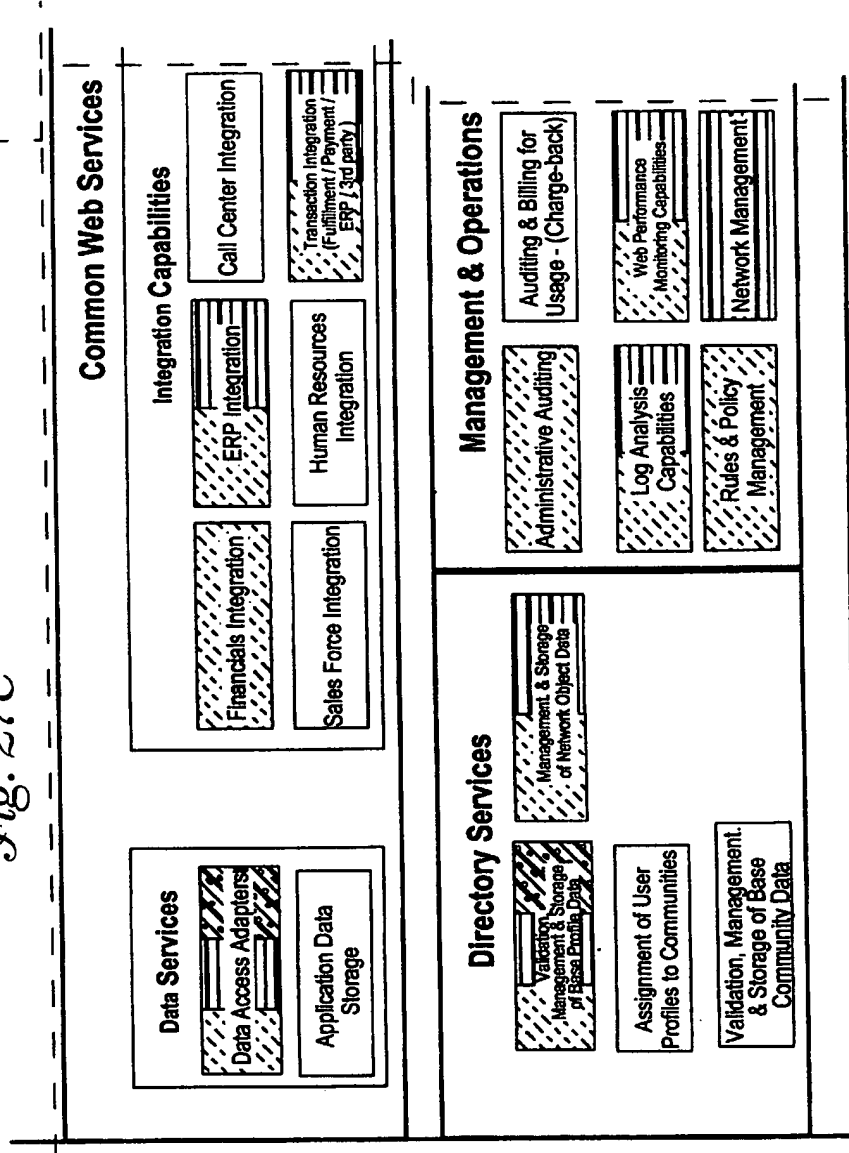


Fig. 27D

Fig. 27E



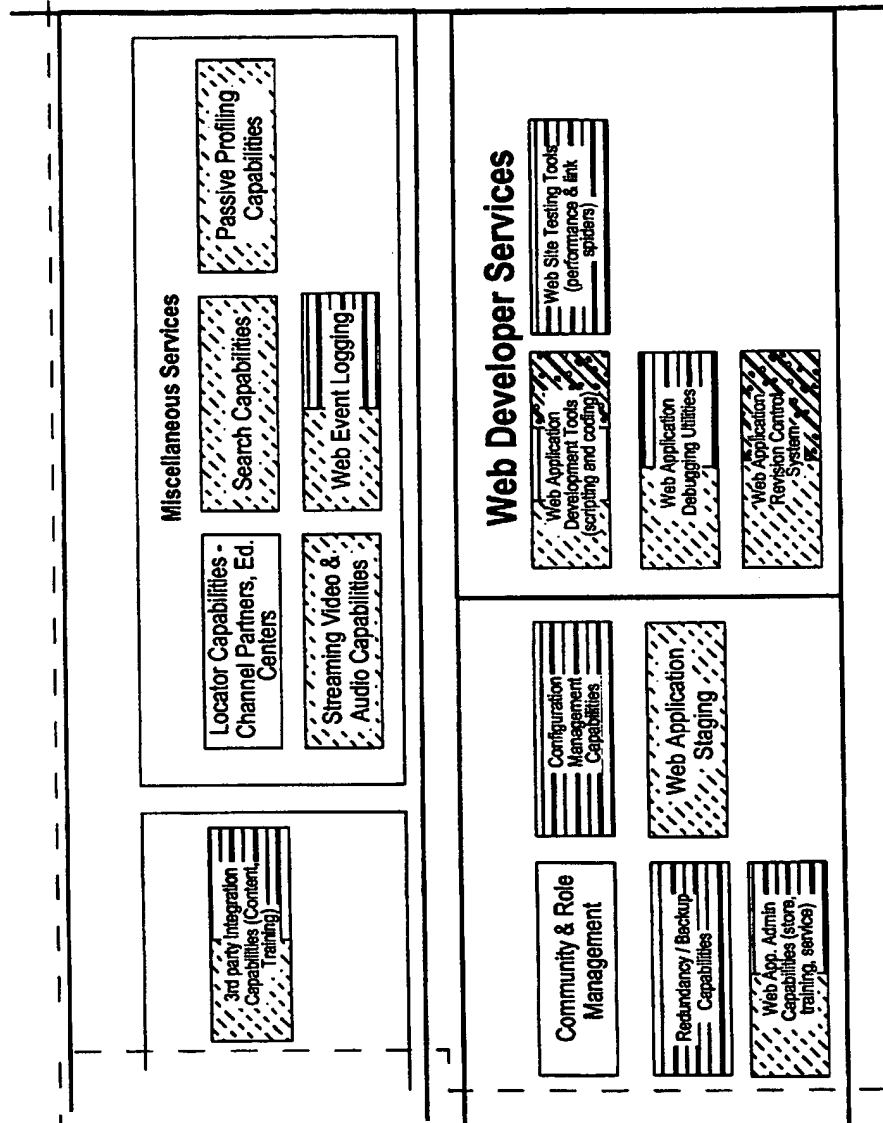


Fig. 27A

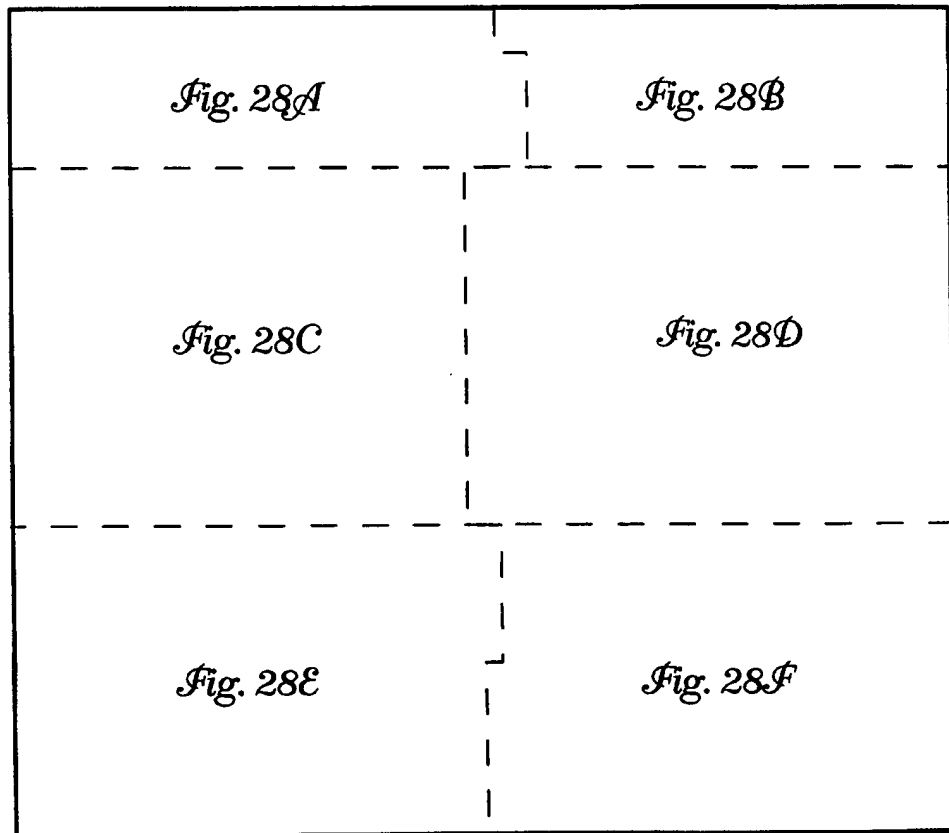


Fig. 28

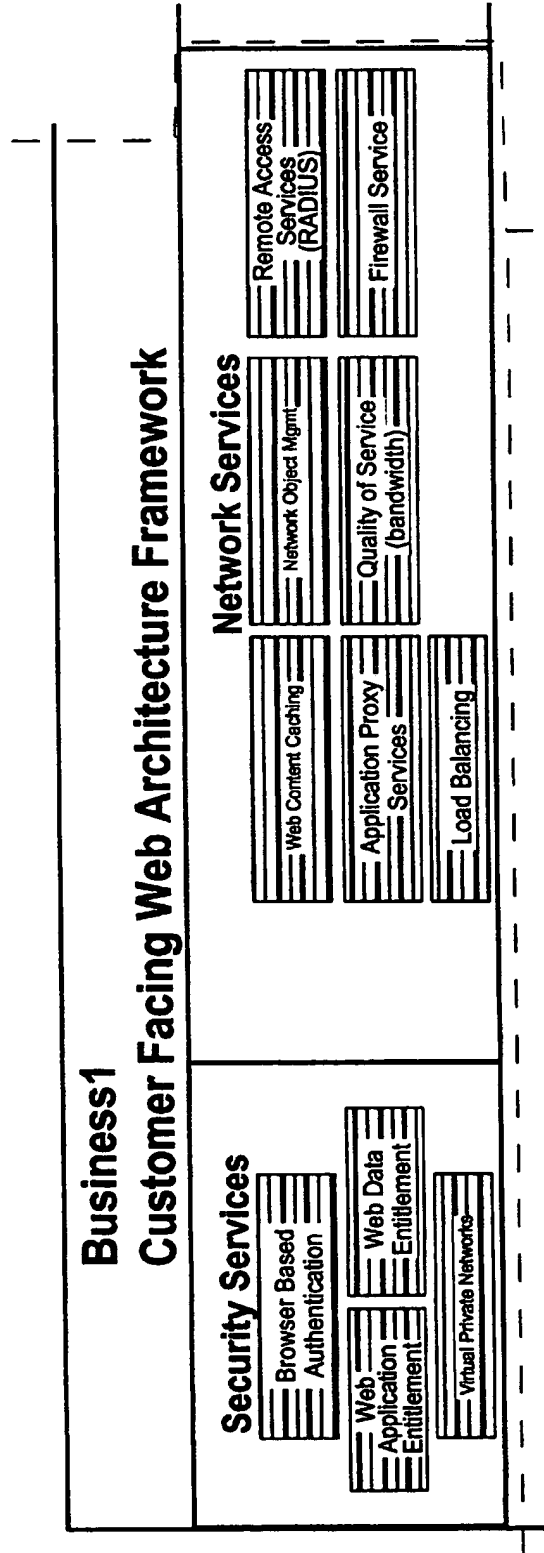


Fig. 28A

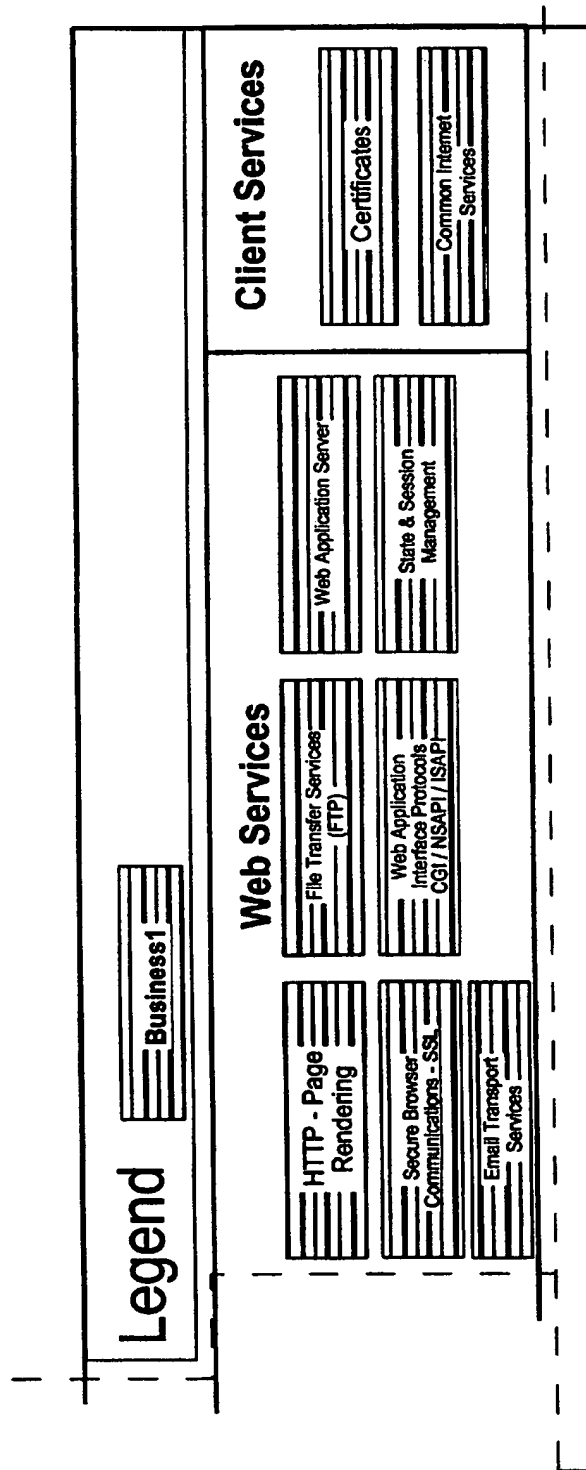


Fig. 28B

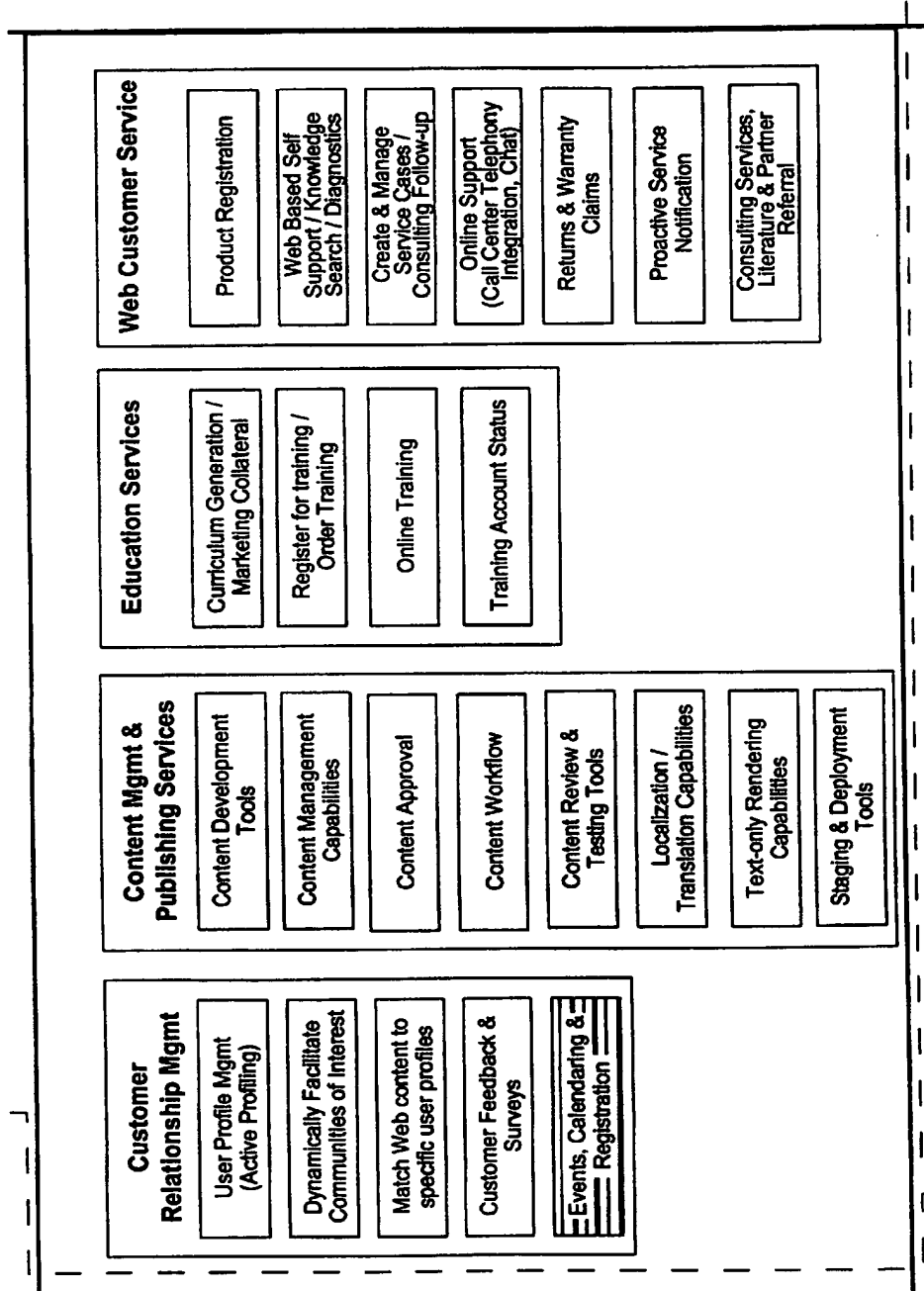


Fig. 28D

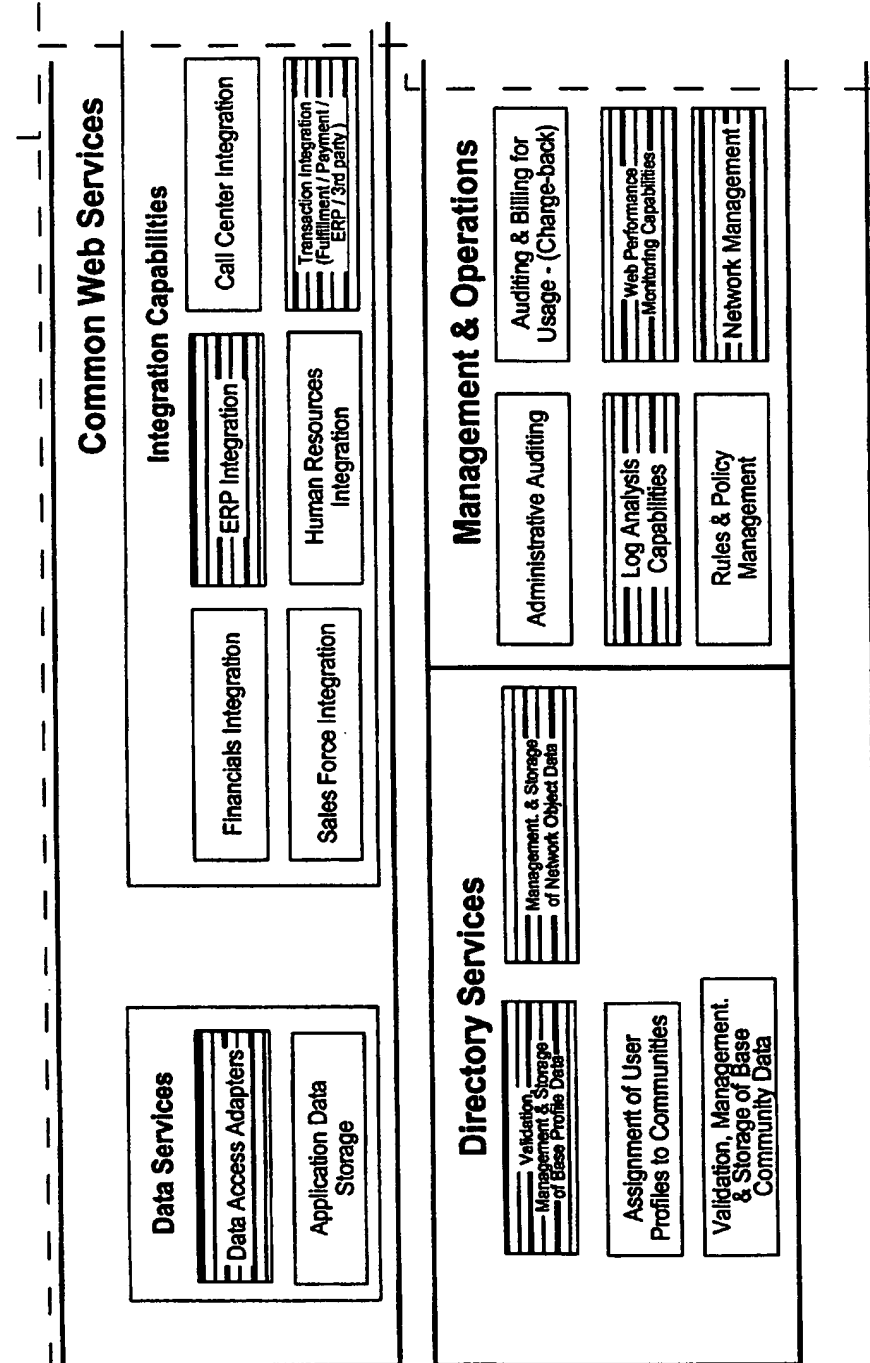


Fig. 28E

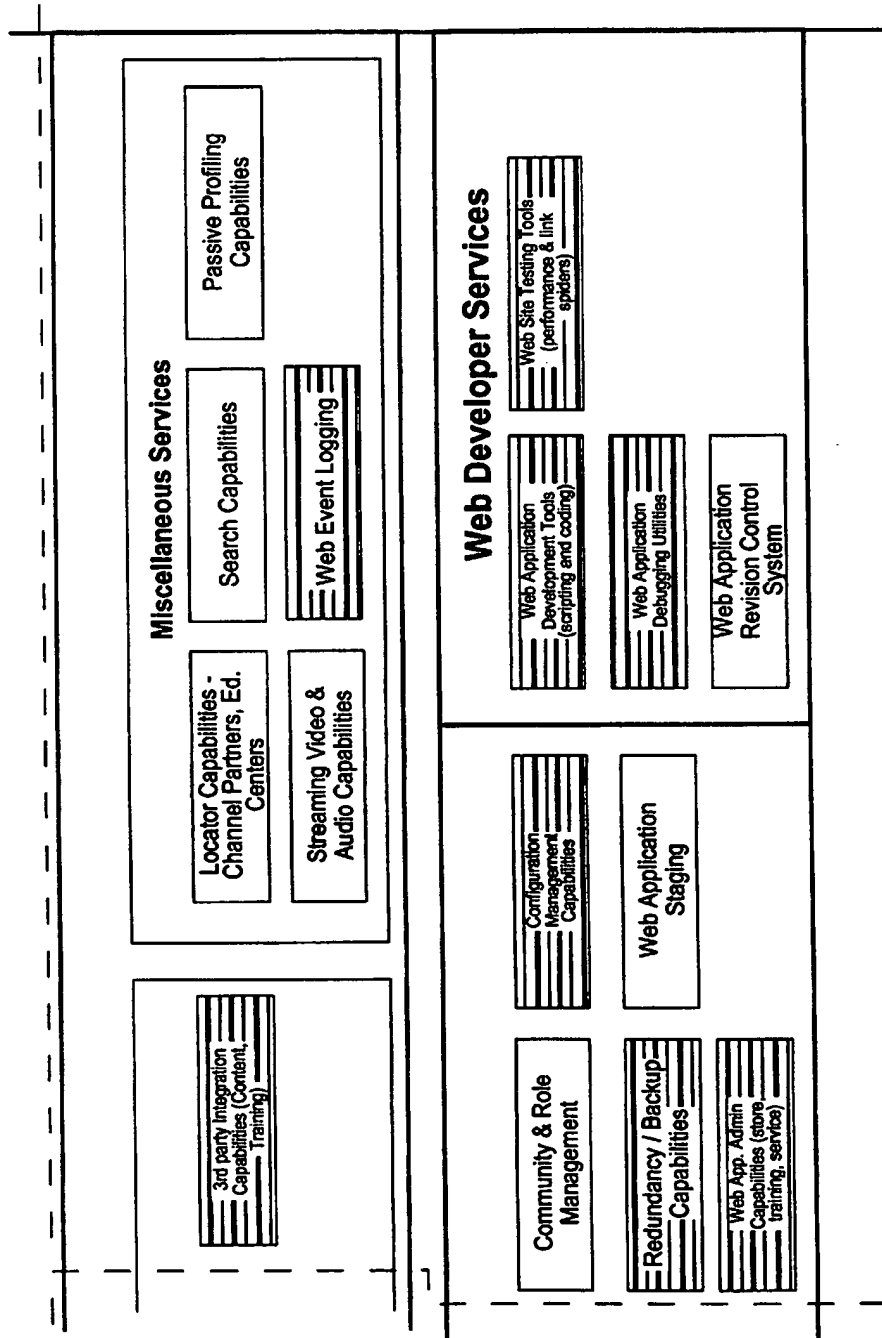


Fig. 28F

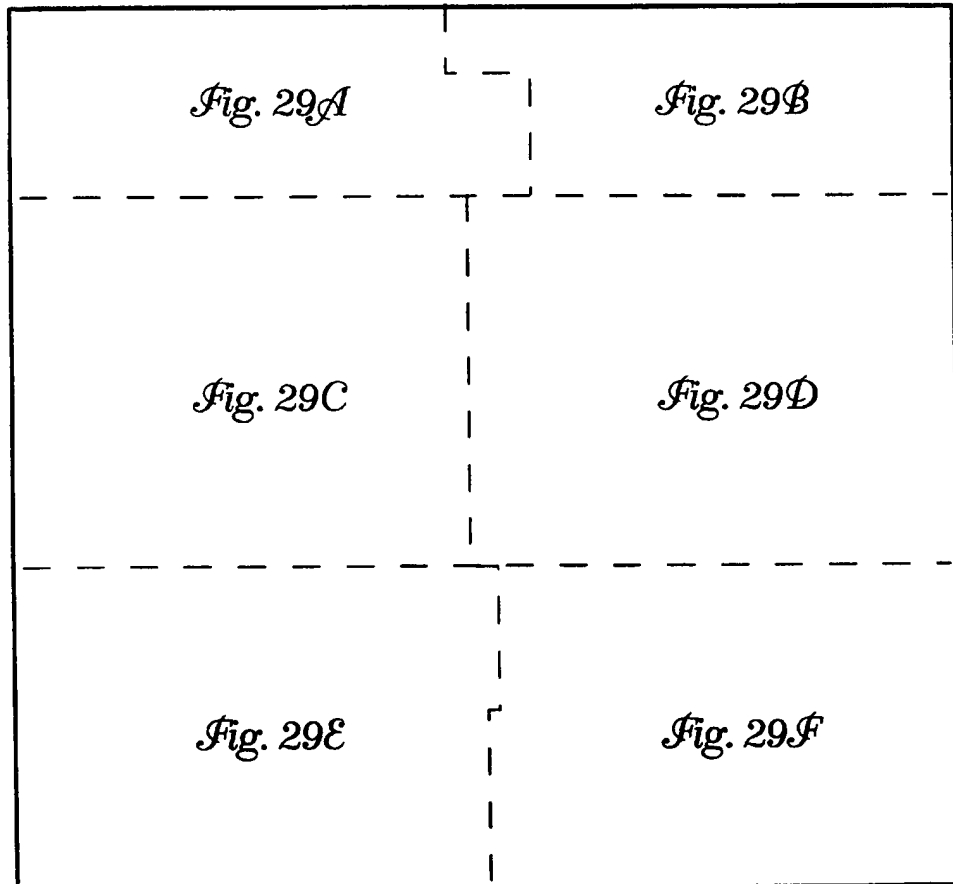


Fig. 29

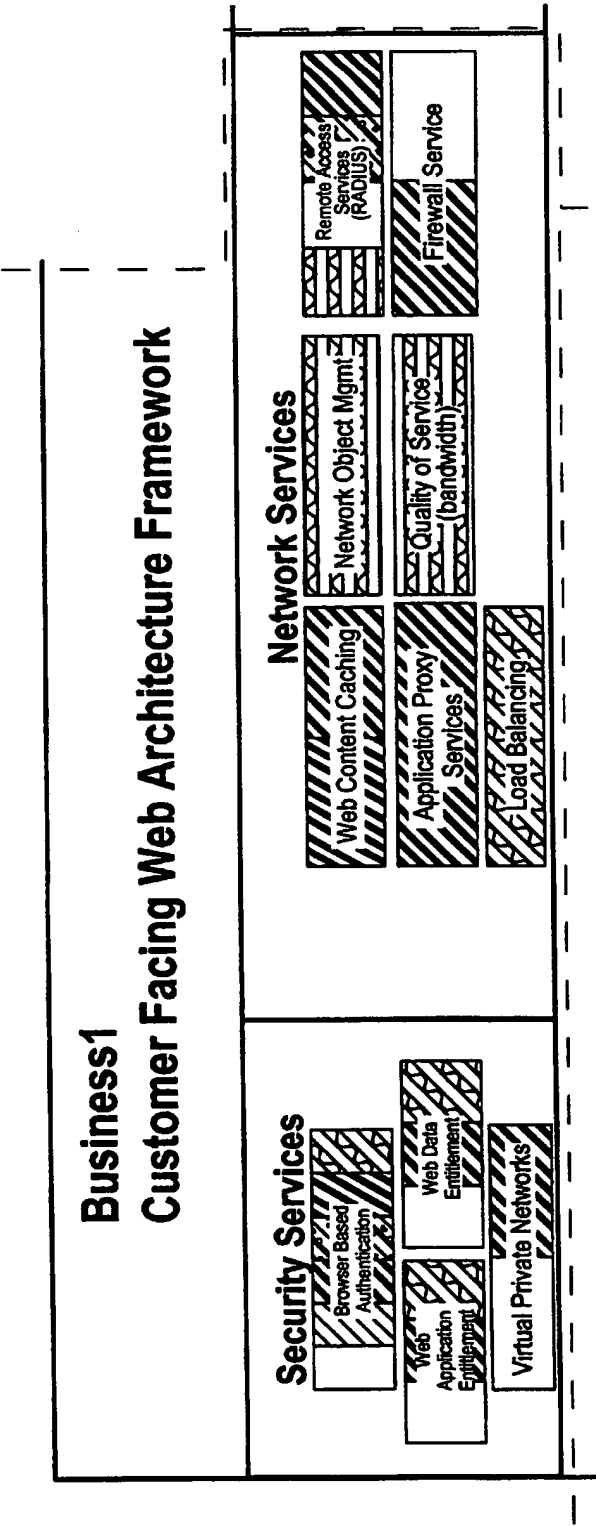


Fig. 29A

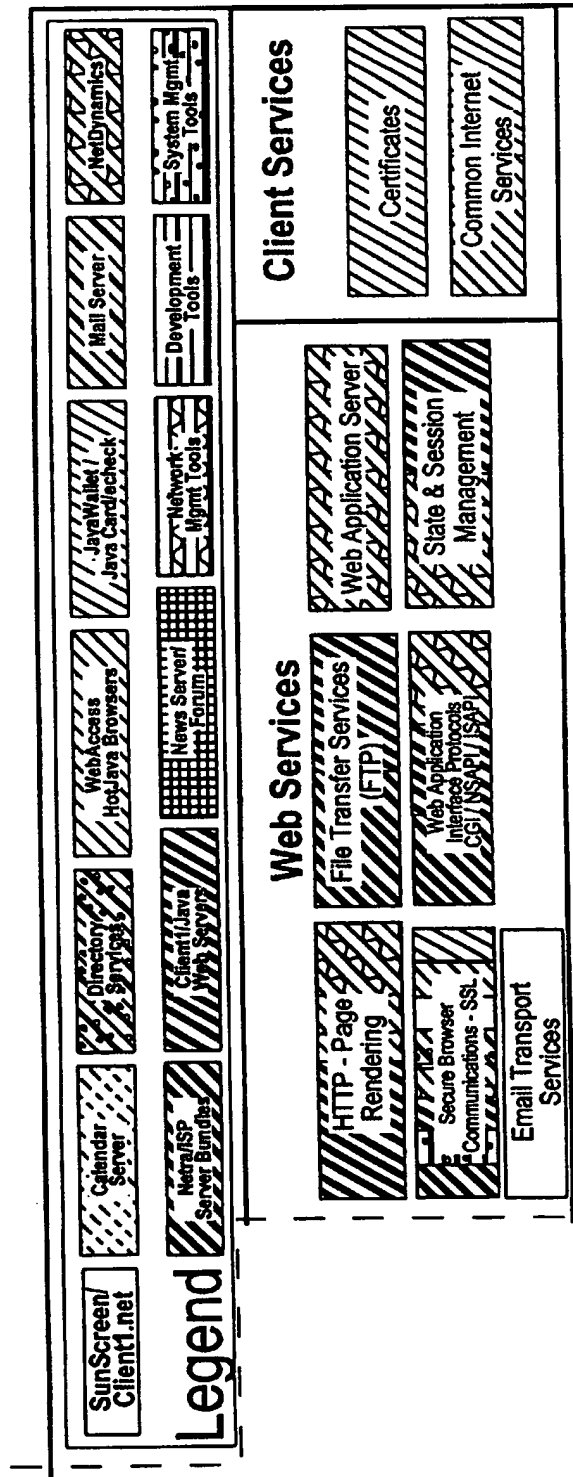
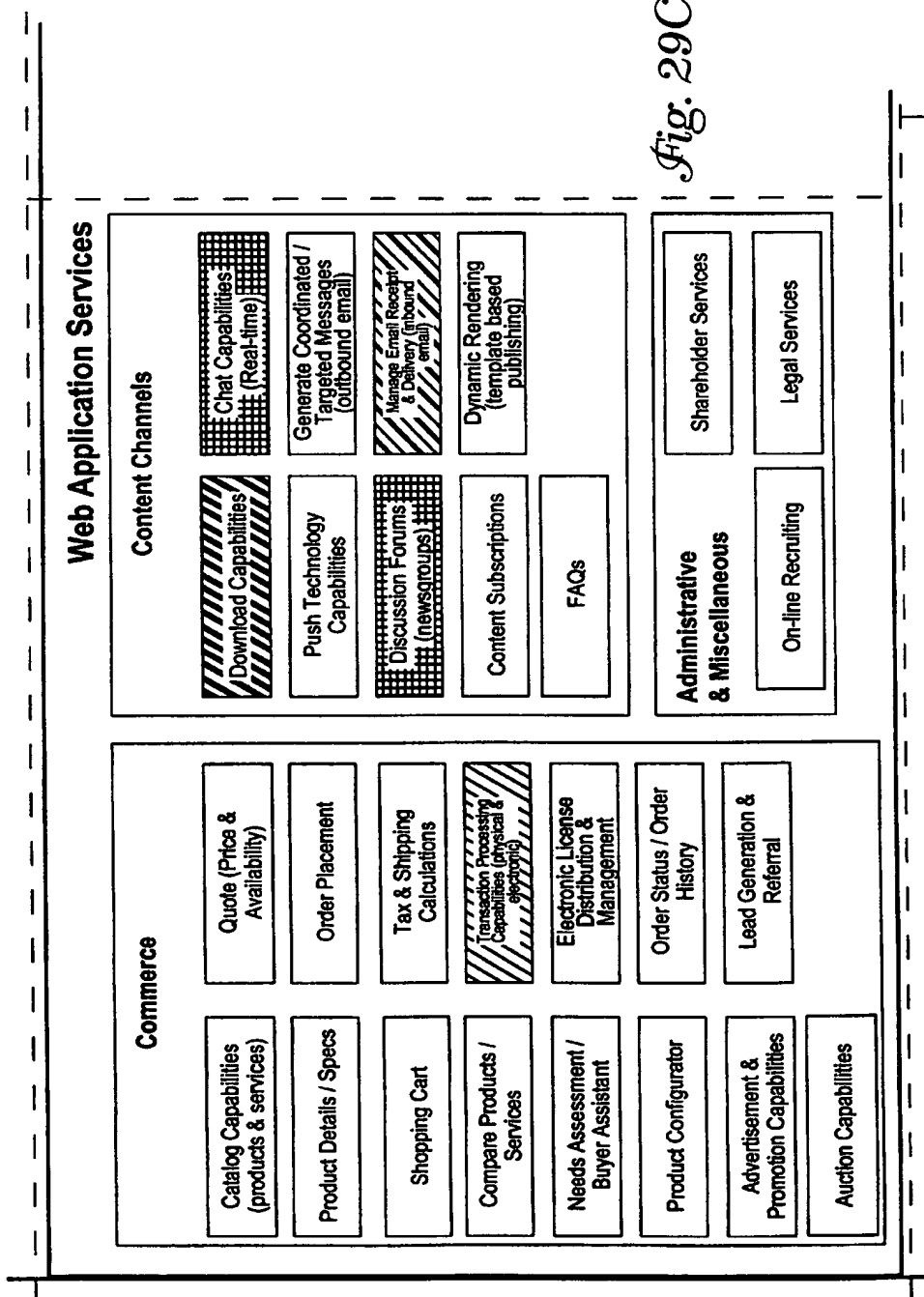


Fig. 29B



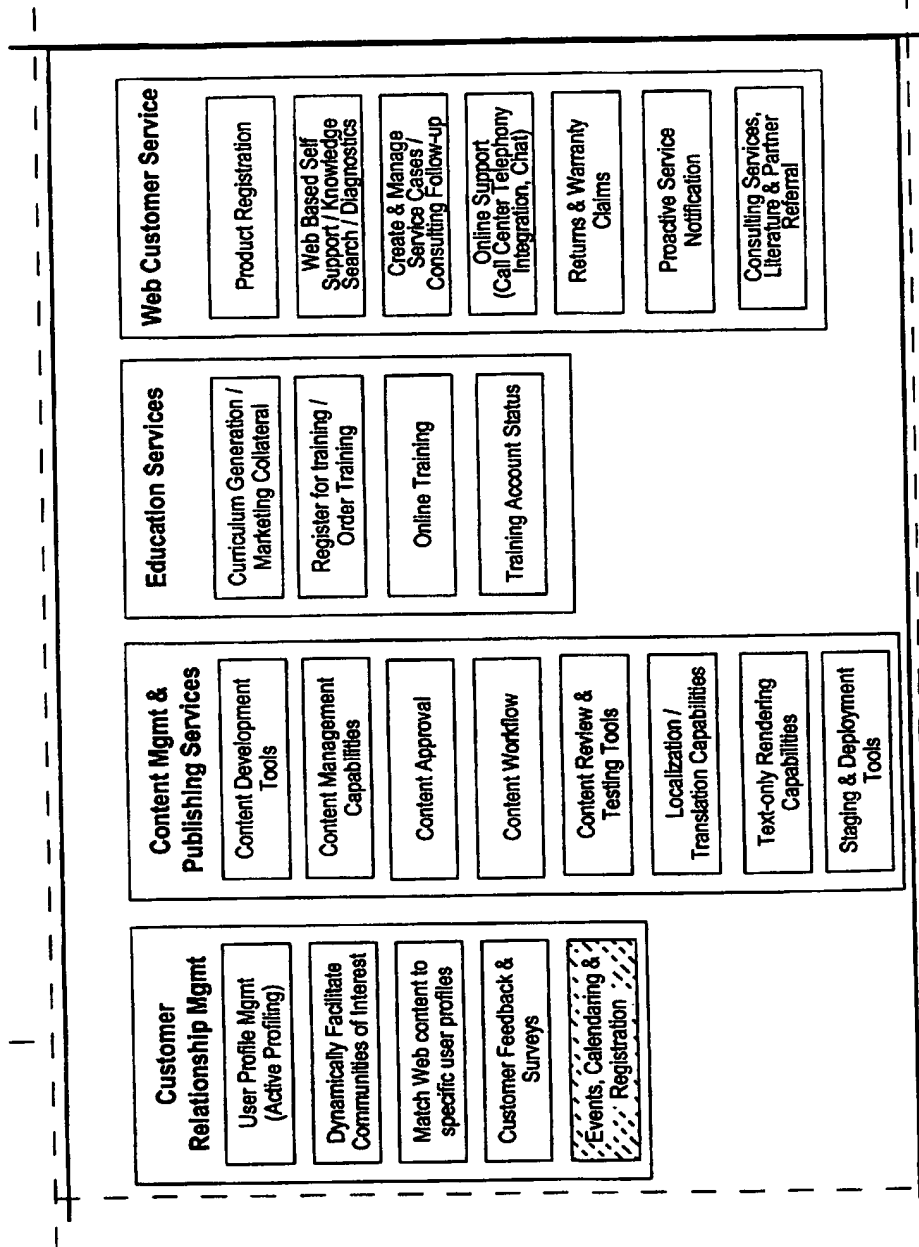


Fig. 29D

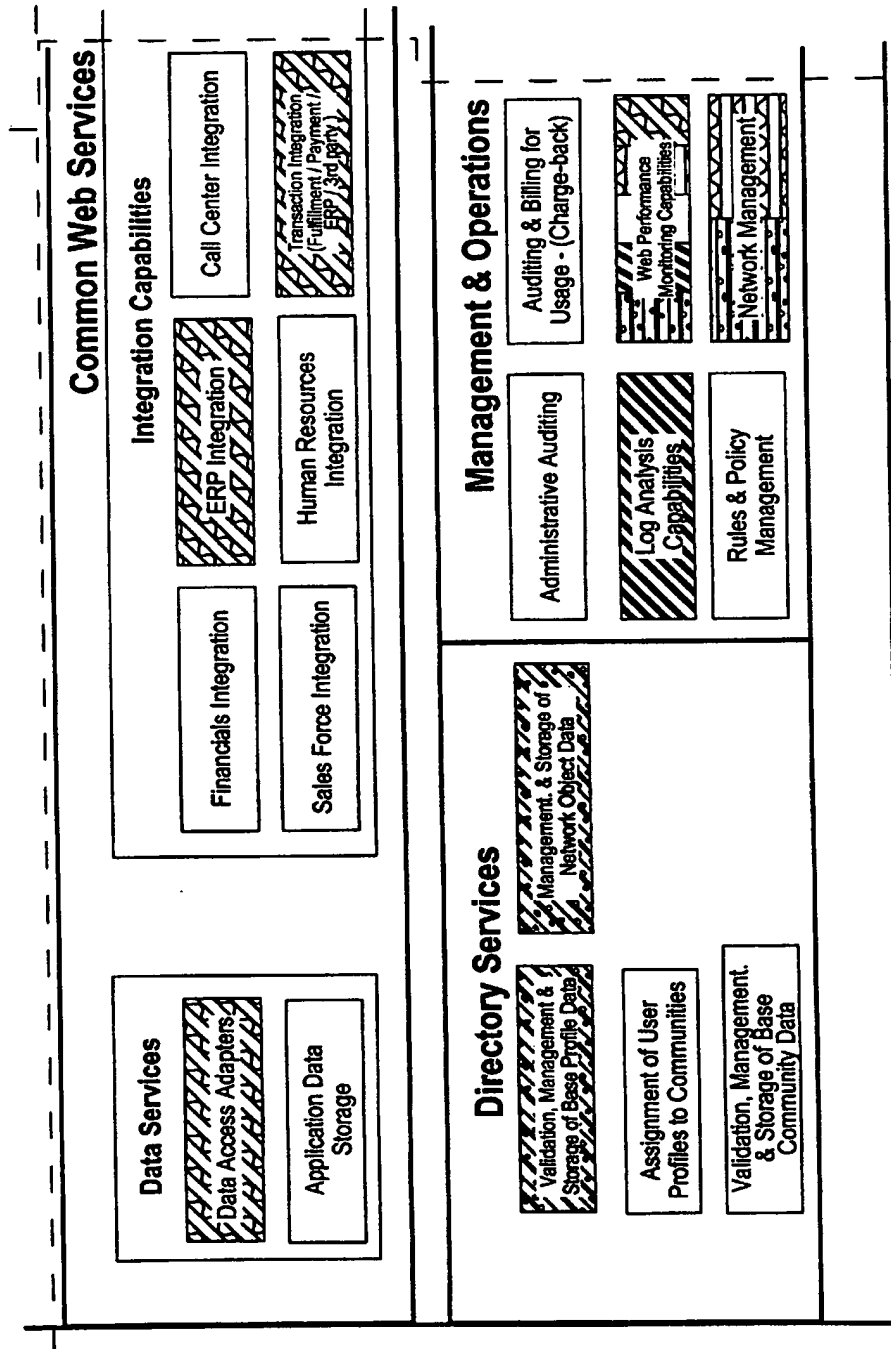


Fig. 29E

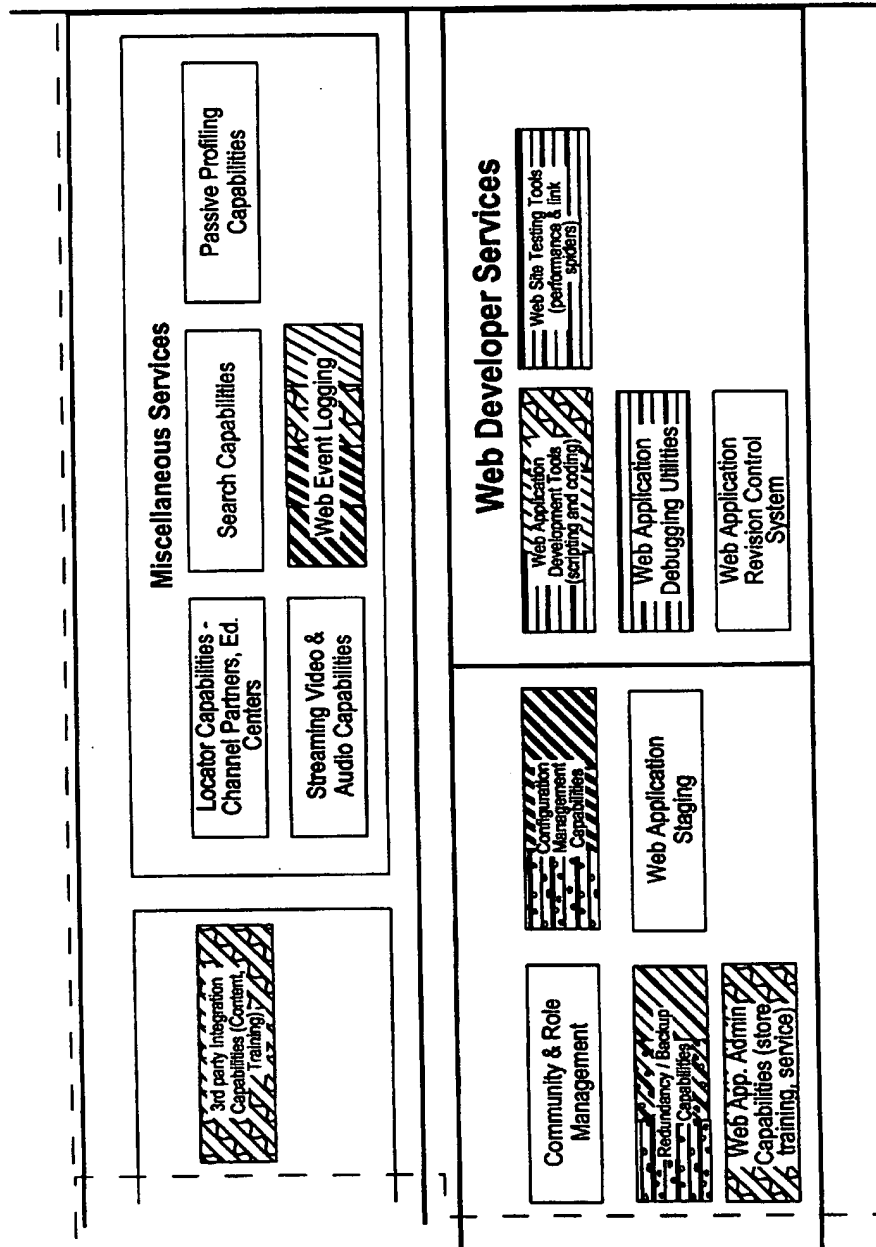


Fig. 29F

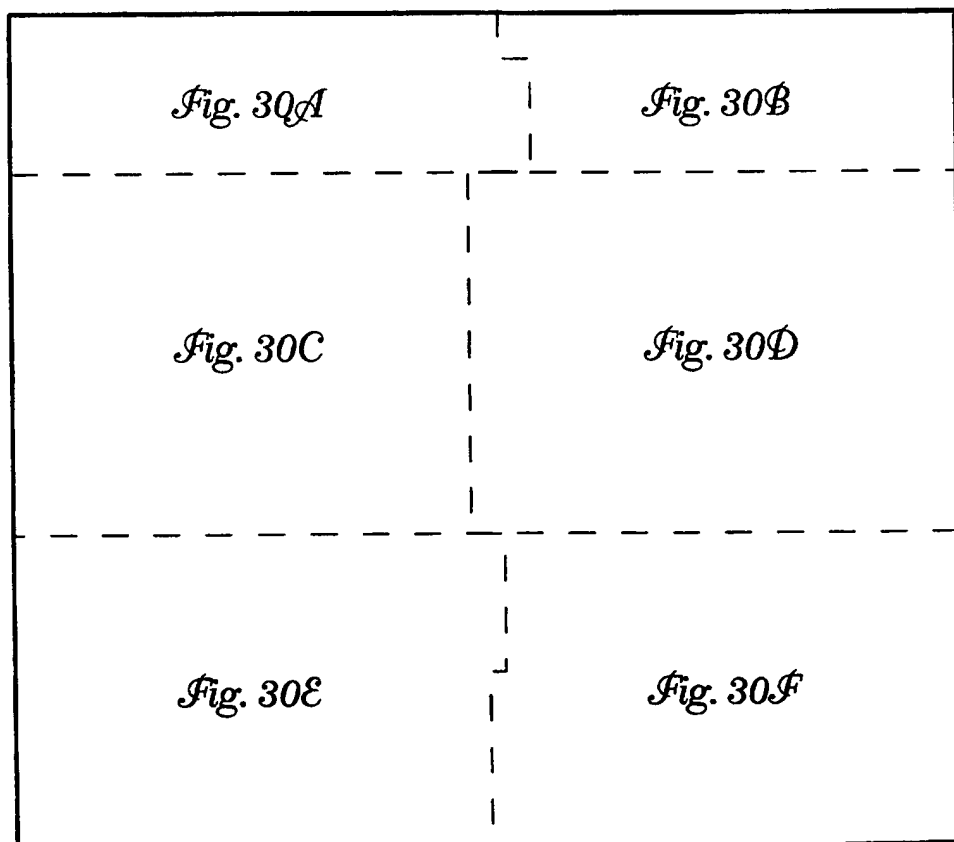


Fig. 30

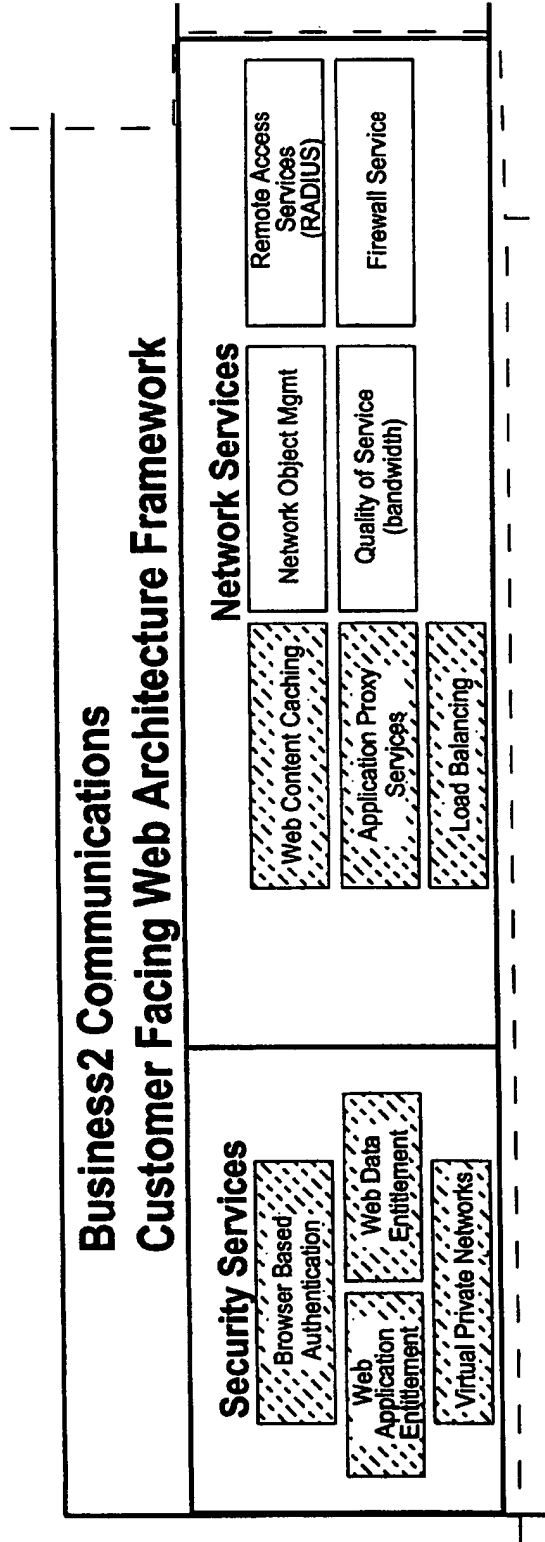


Fig. 30A

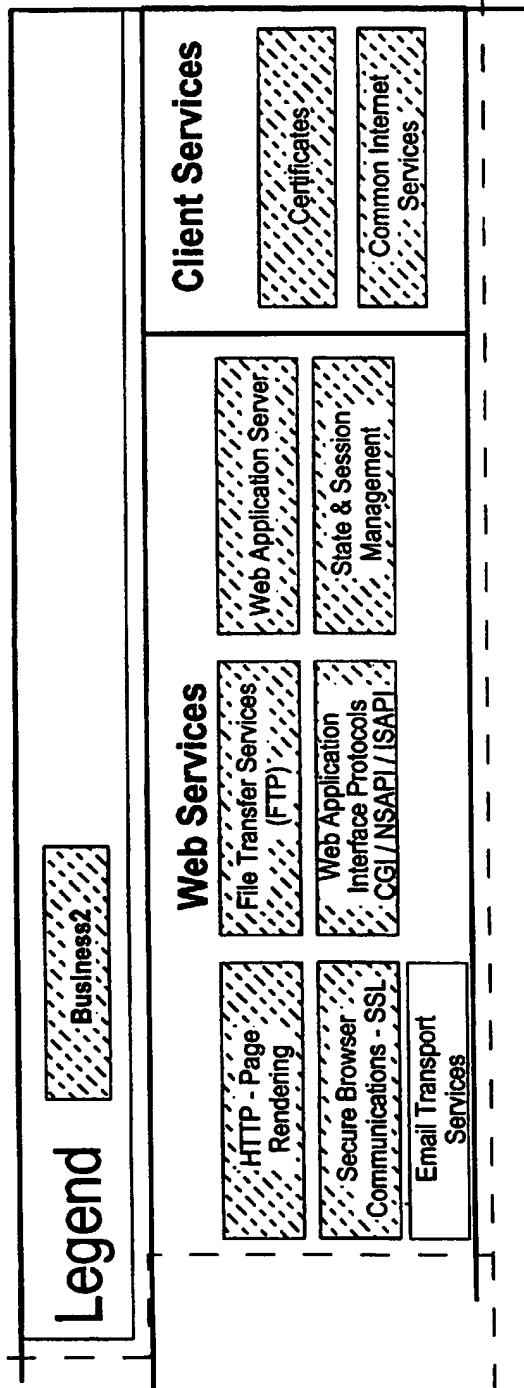


Fig. 30B

Web Application Services

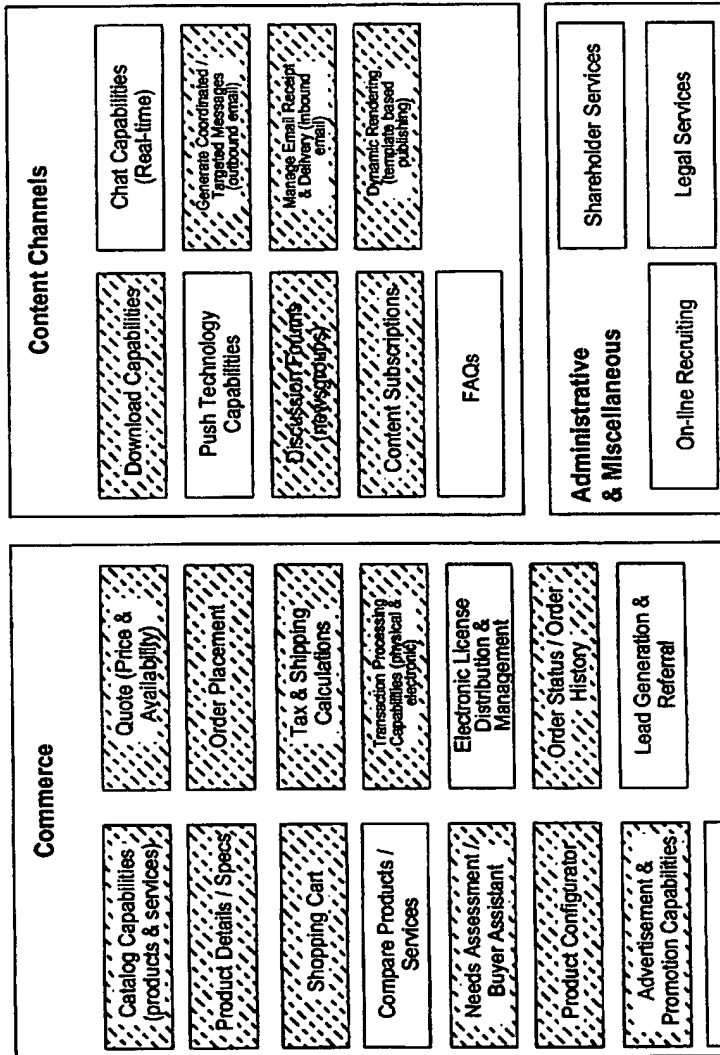


Fig. 30C

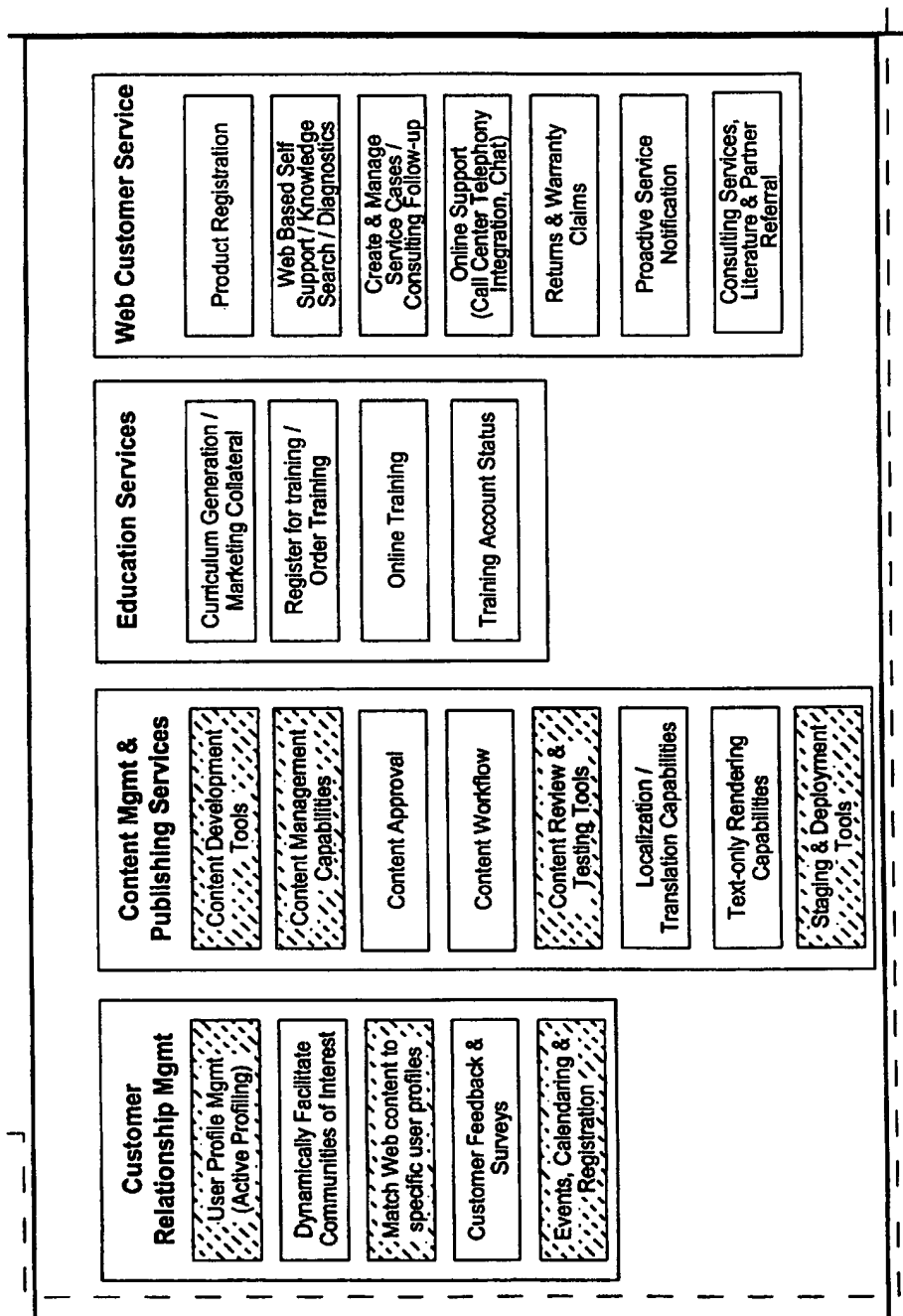


Fig. 30D

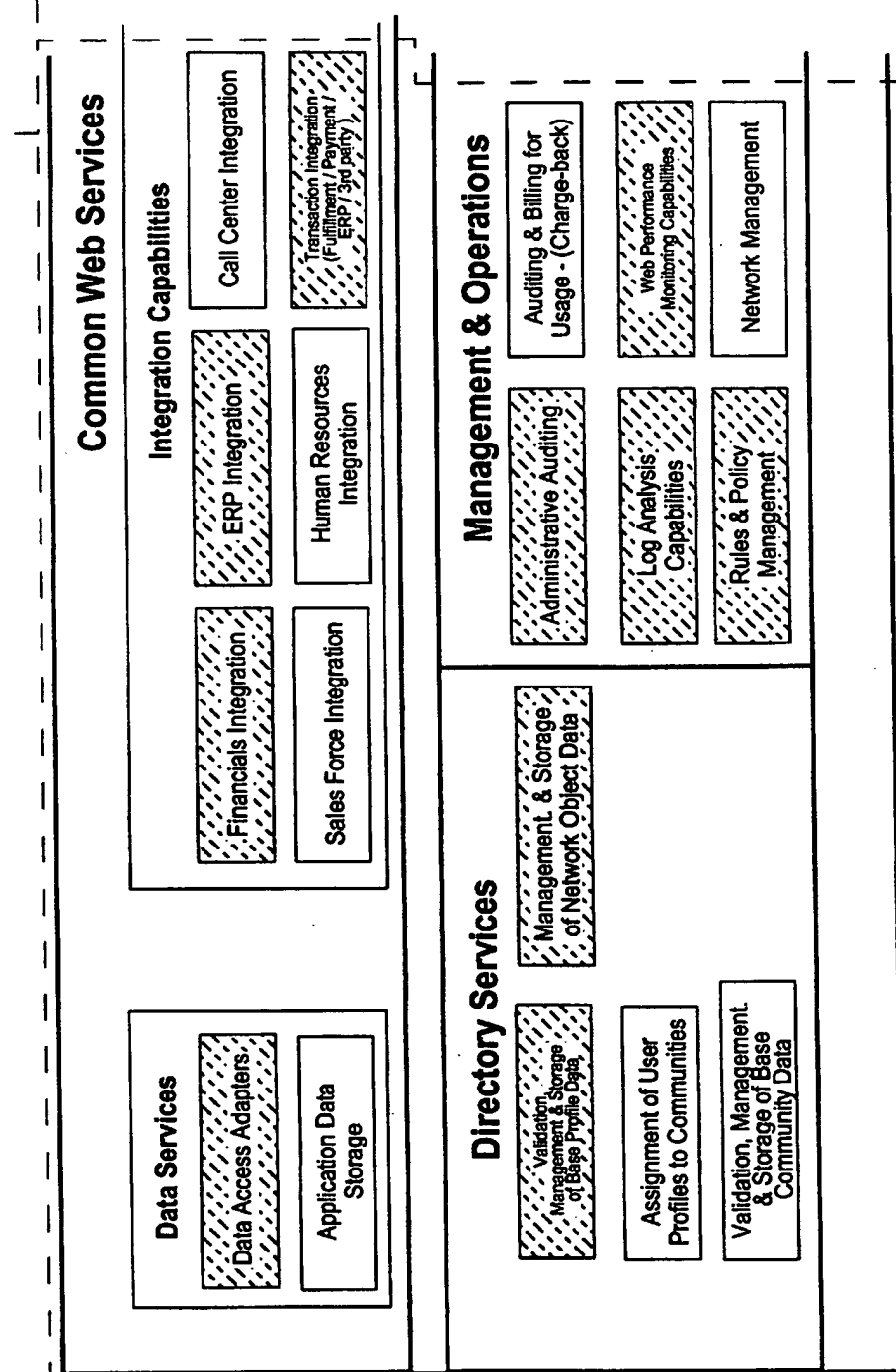


Fig. 30E

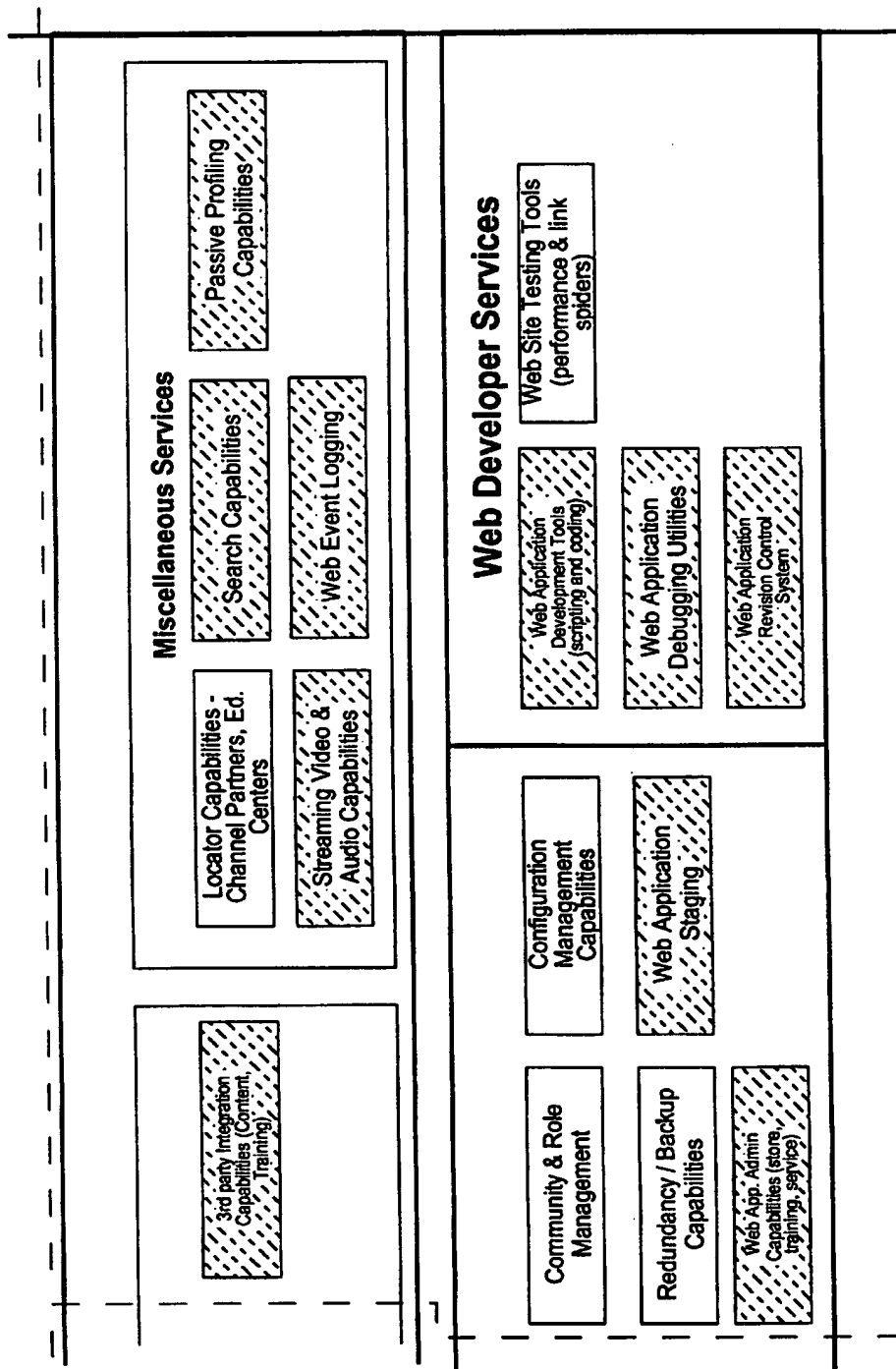


Fig. 30F

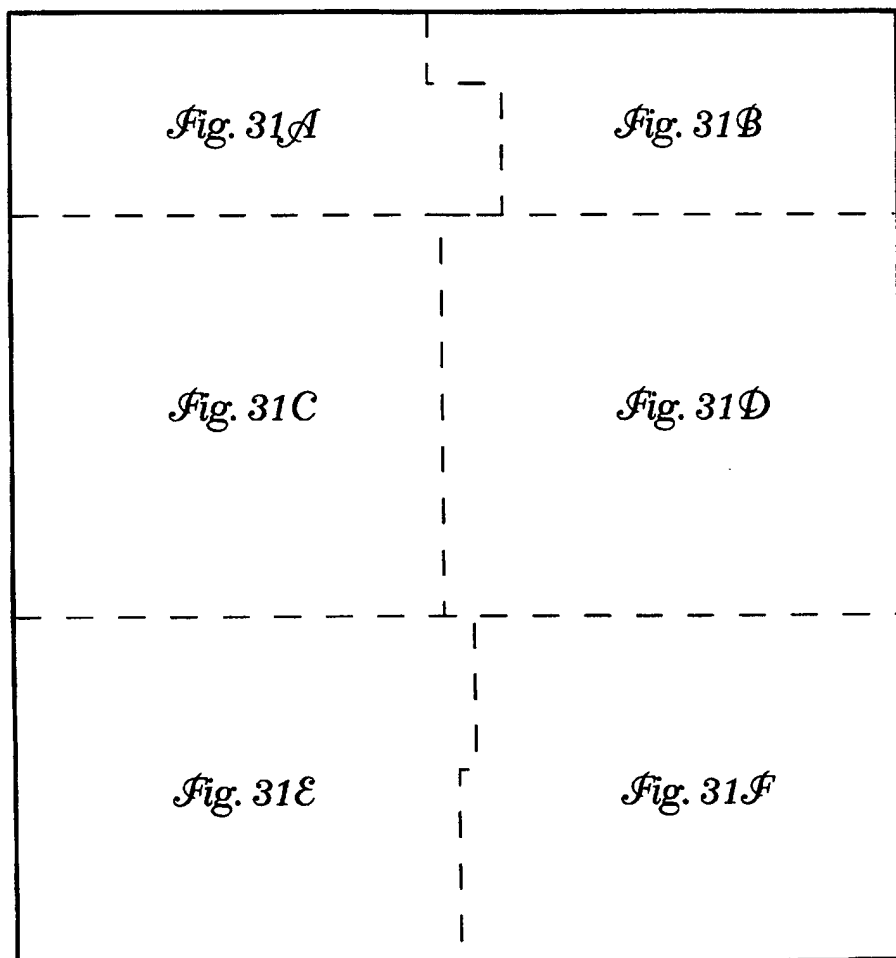


Fig. 31

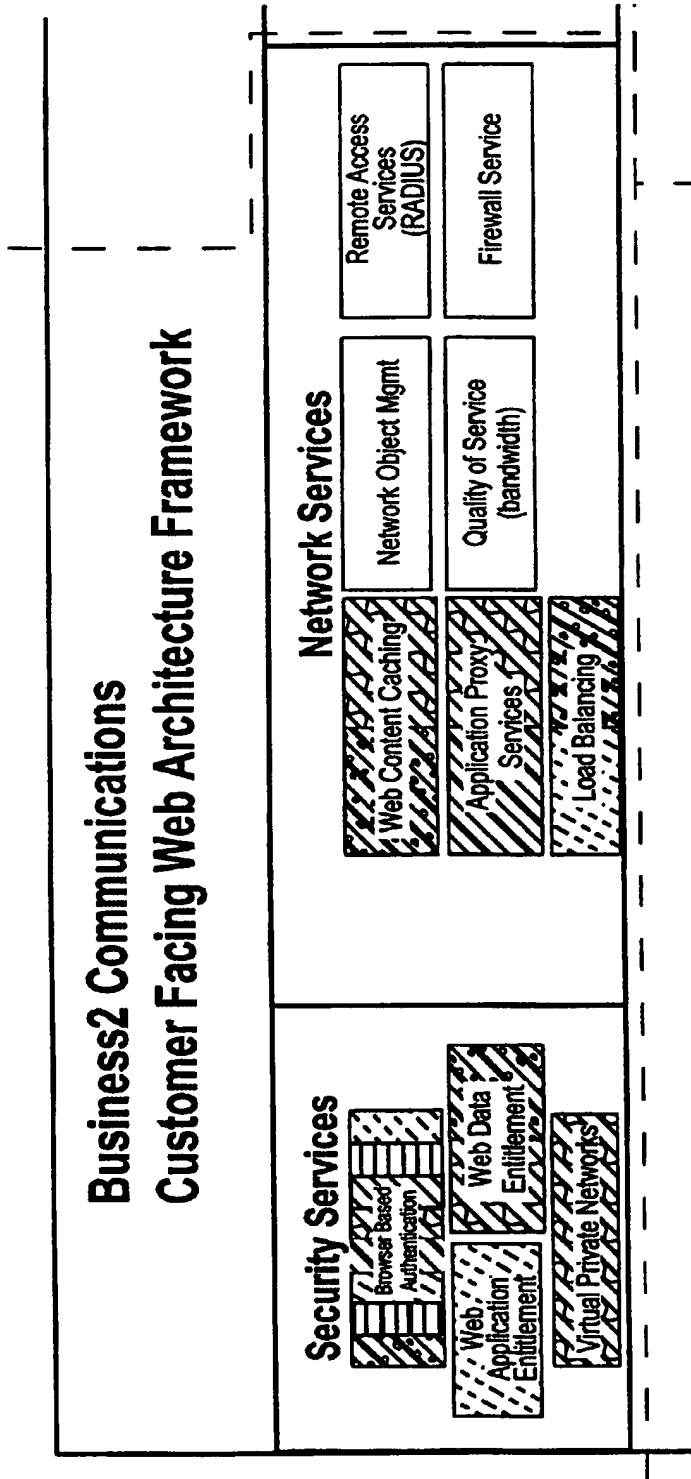


Fig. 31A

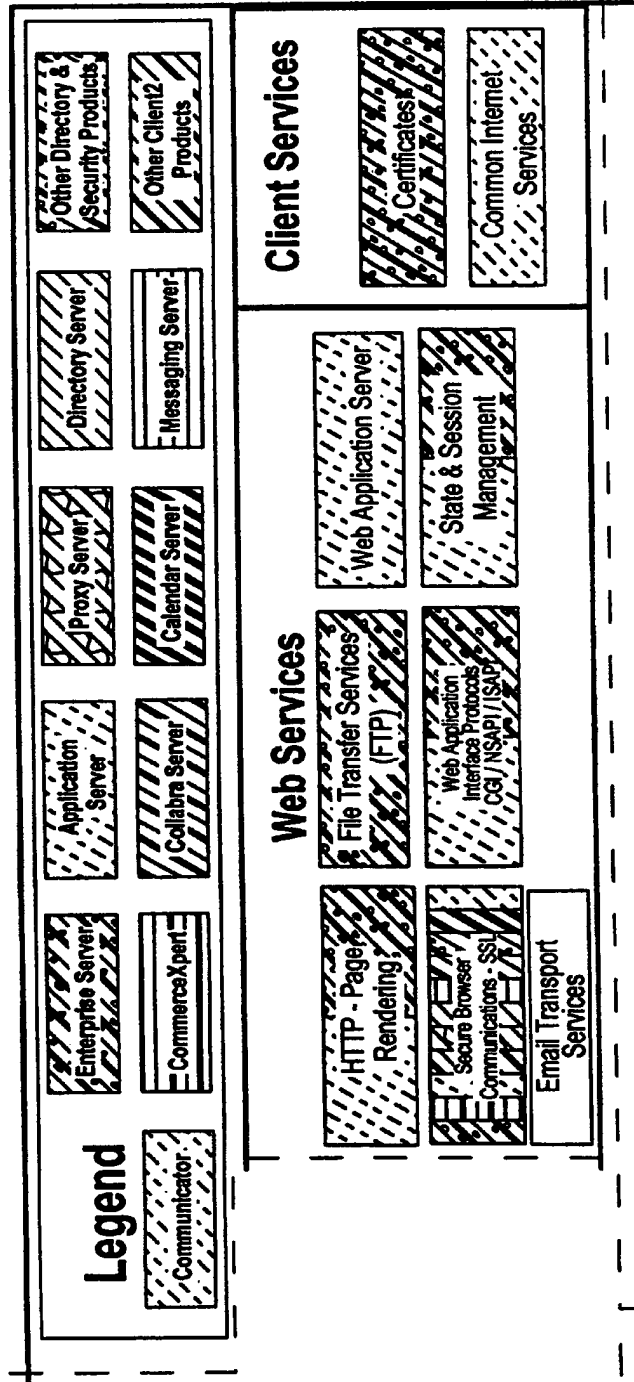


Fig. 31B

Web Application Services

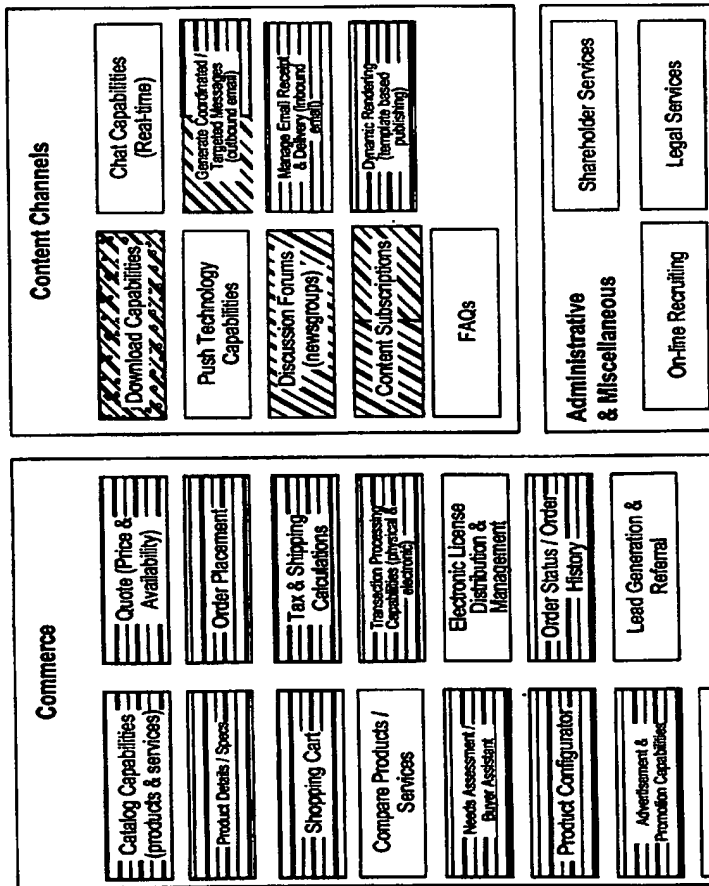


Fig. 31C

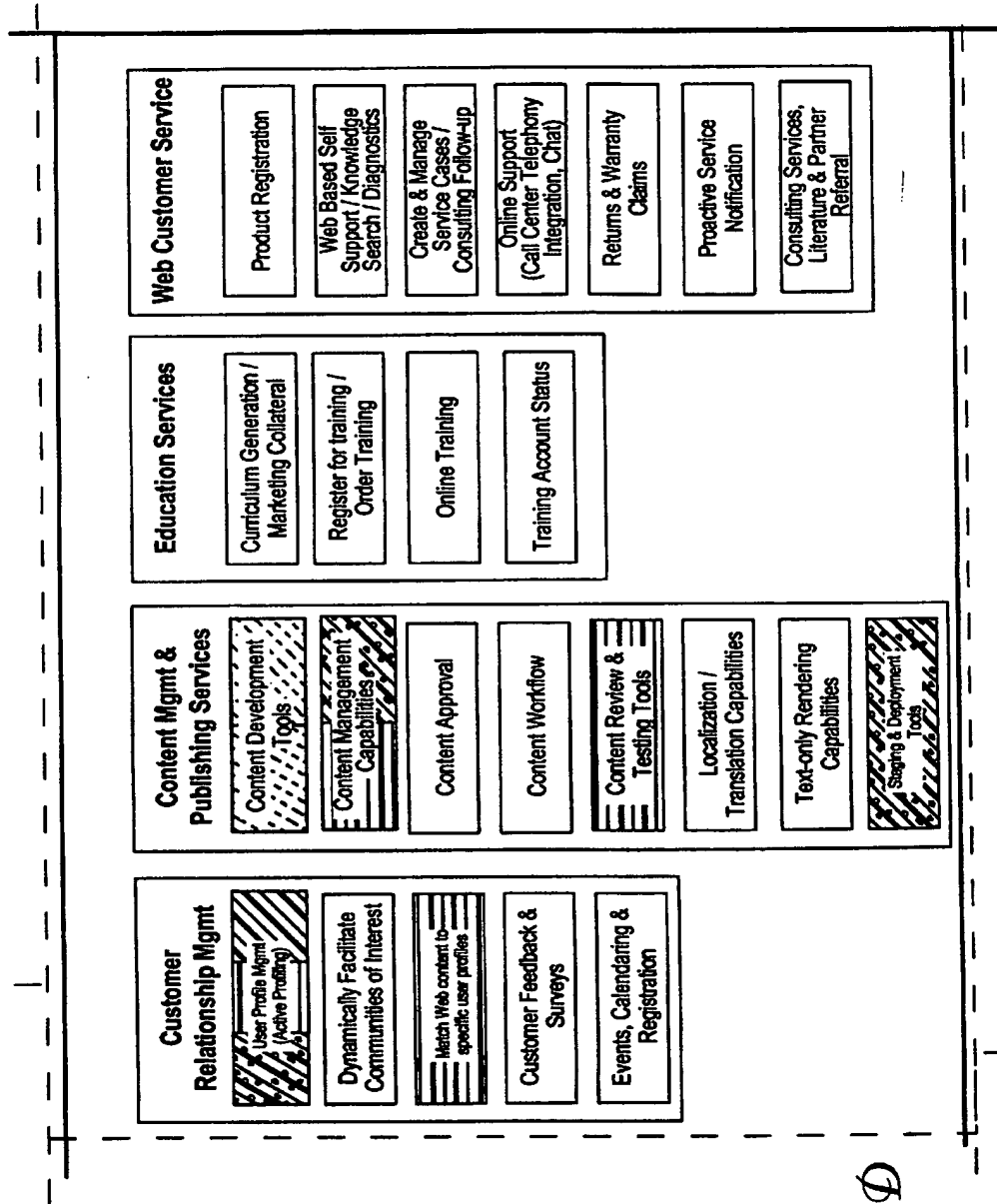


Fig. 31D

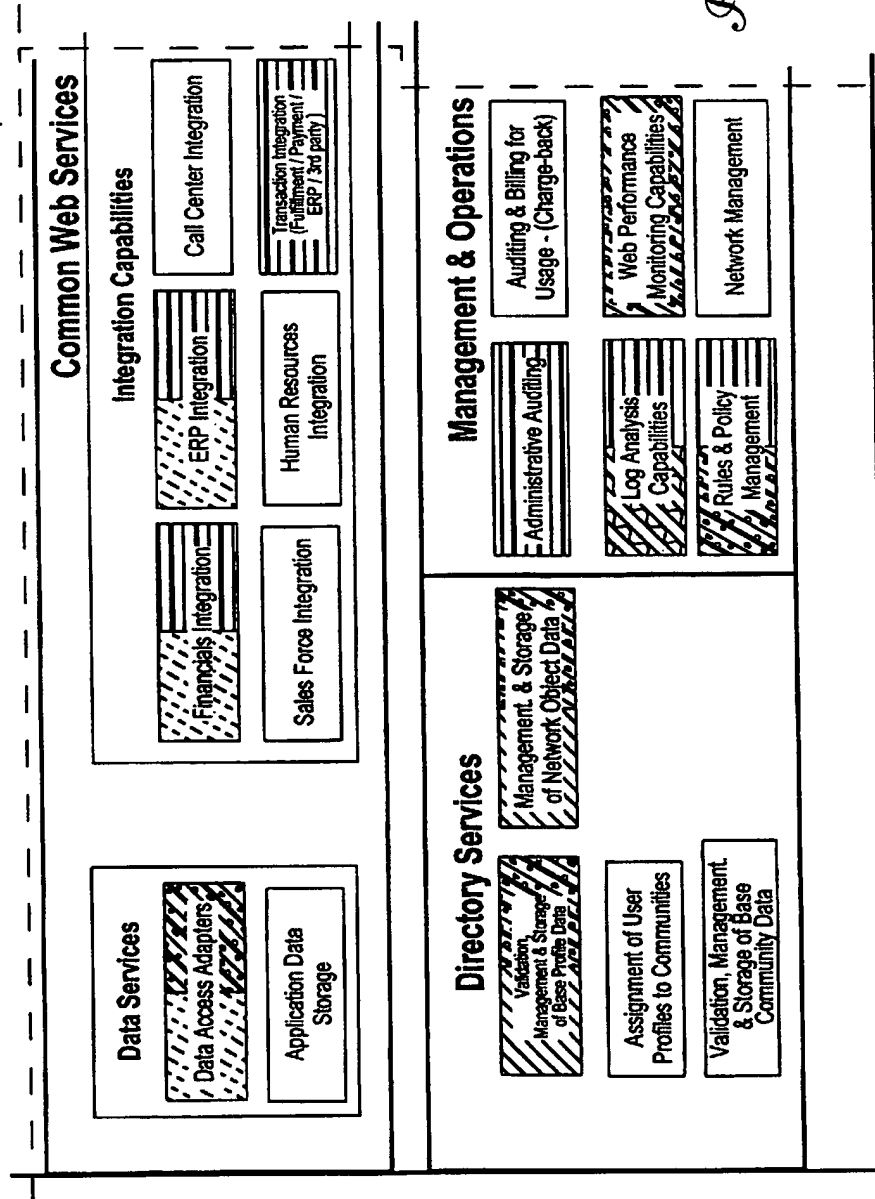


Fig. 31E

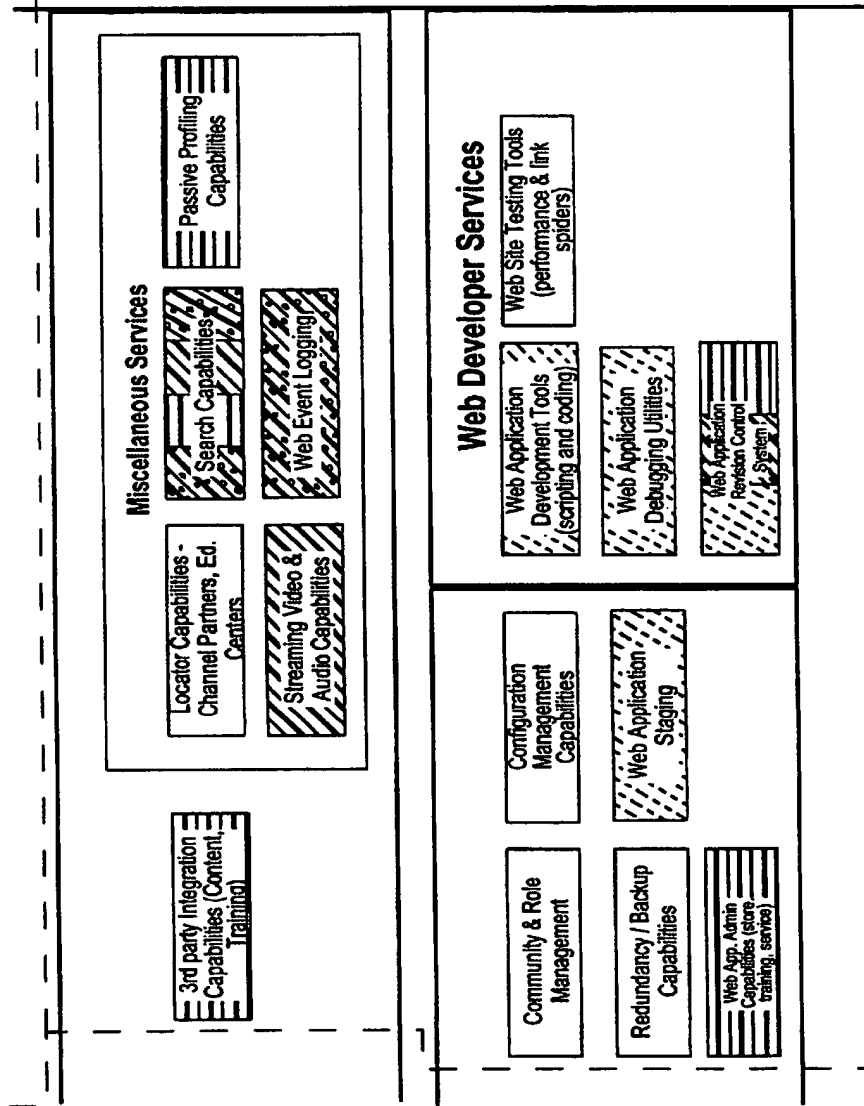


Fig. 31F

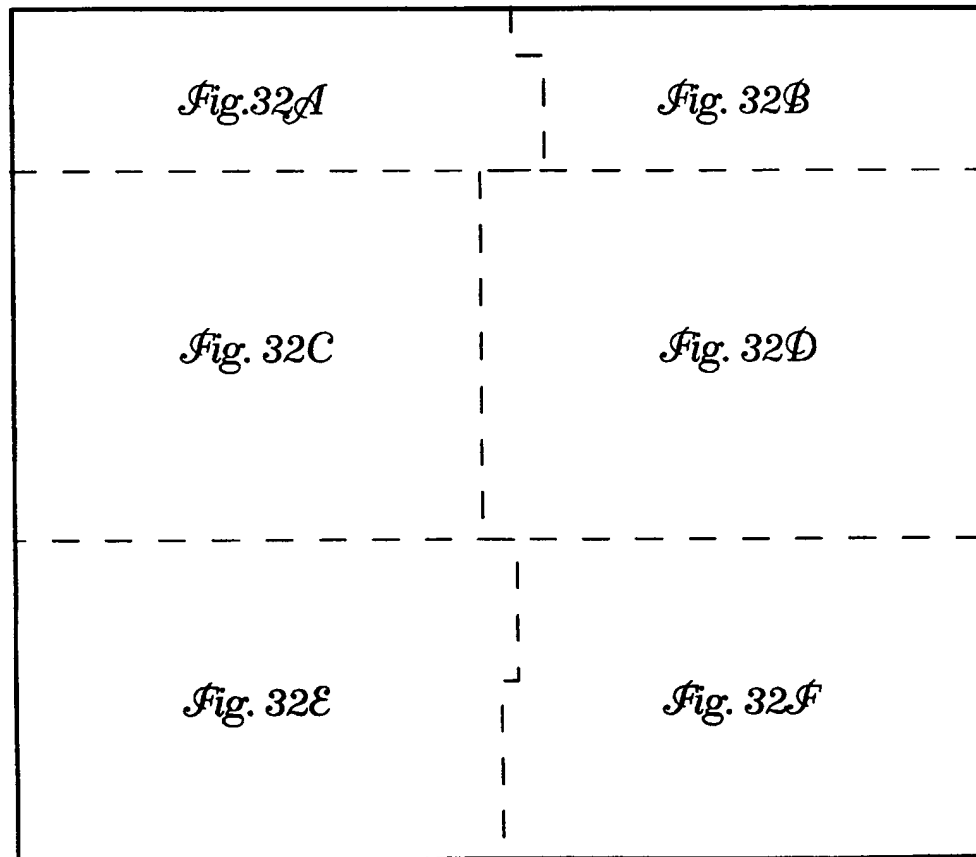


Fig. 32

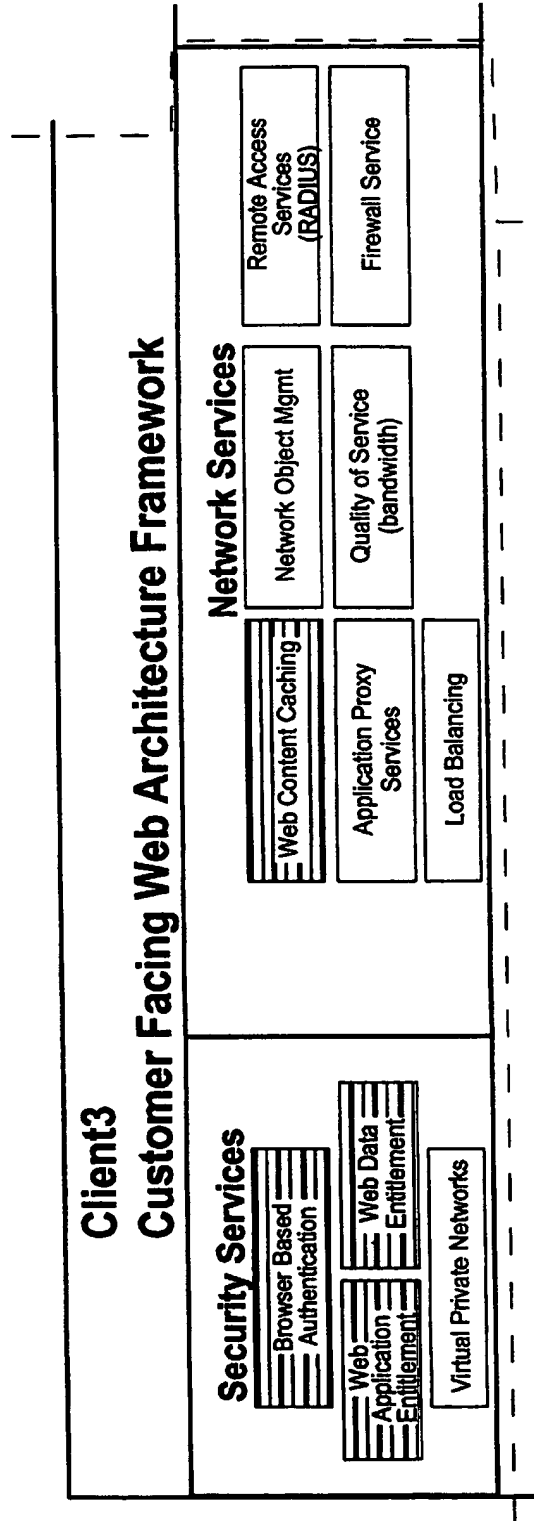


Fig. 32A

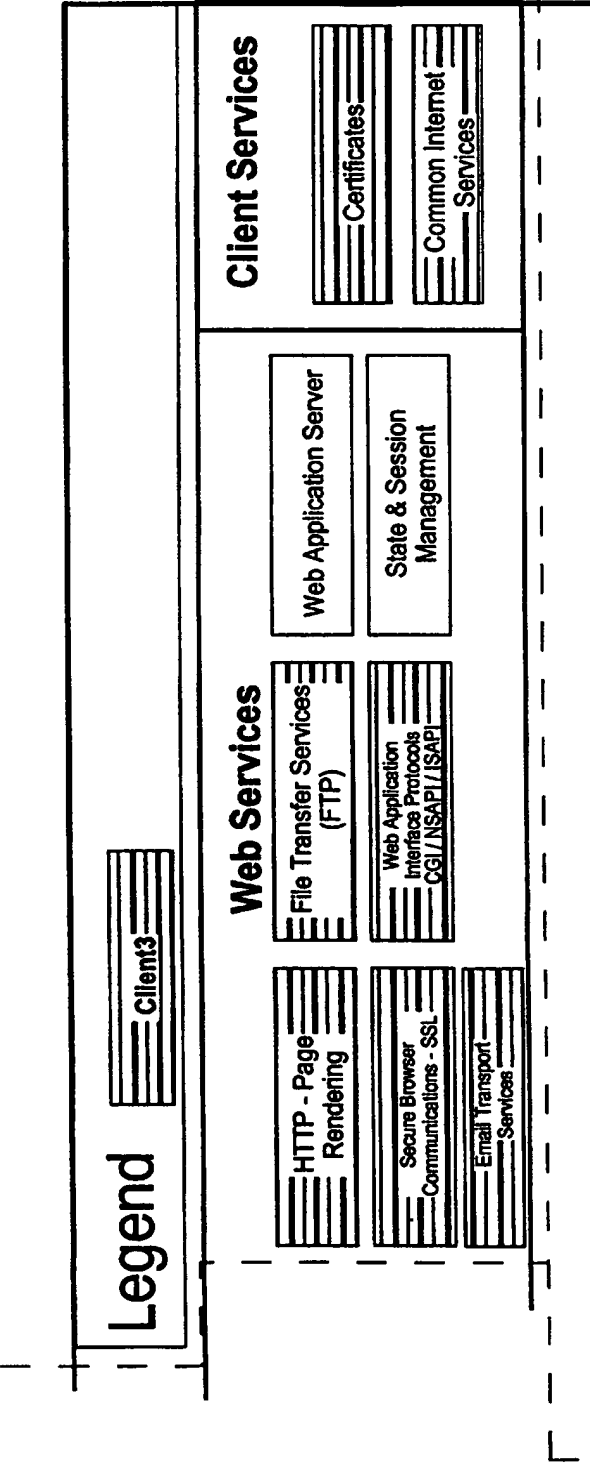


Fig. 32B

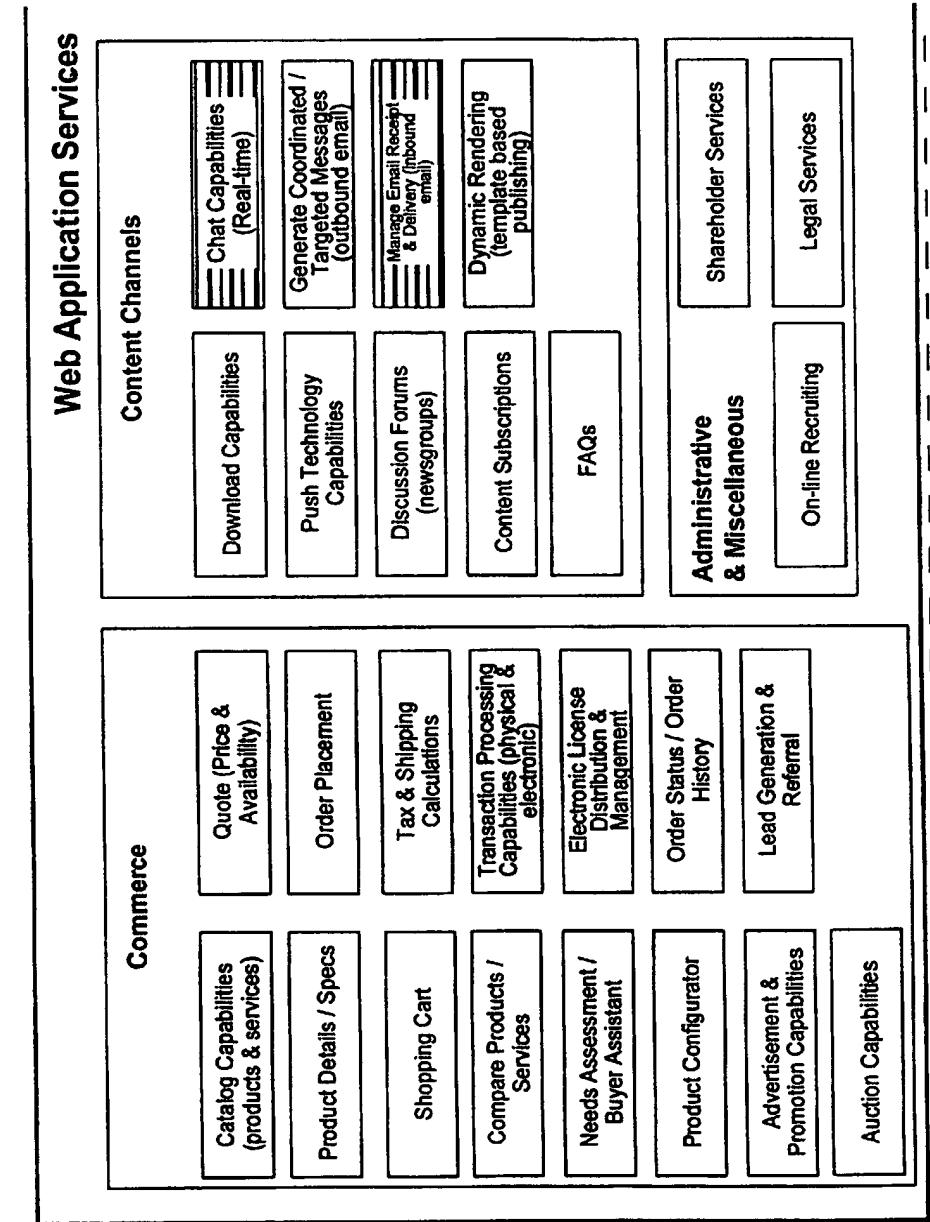


Fig. 32C

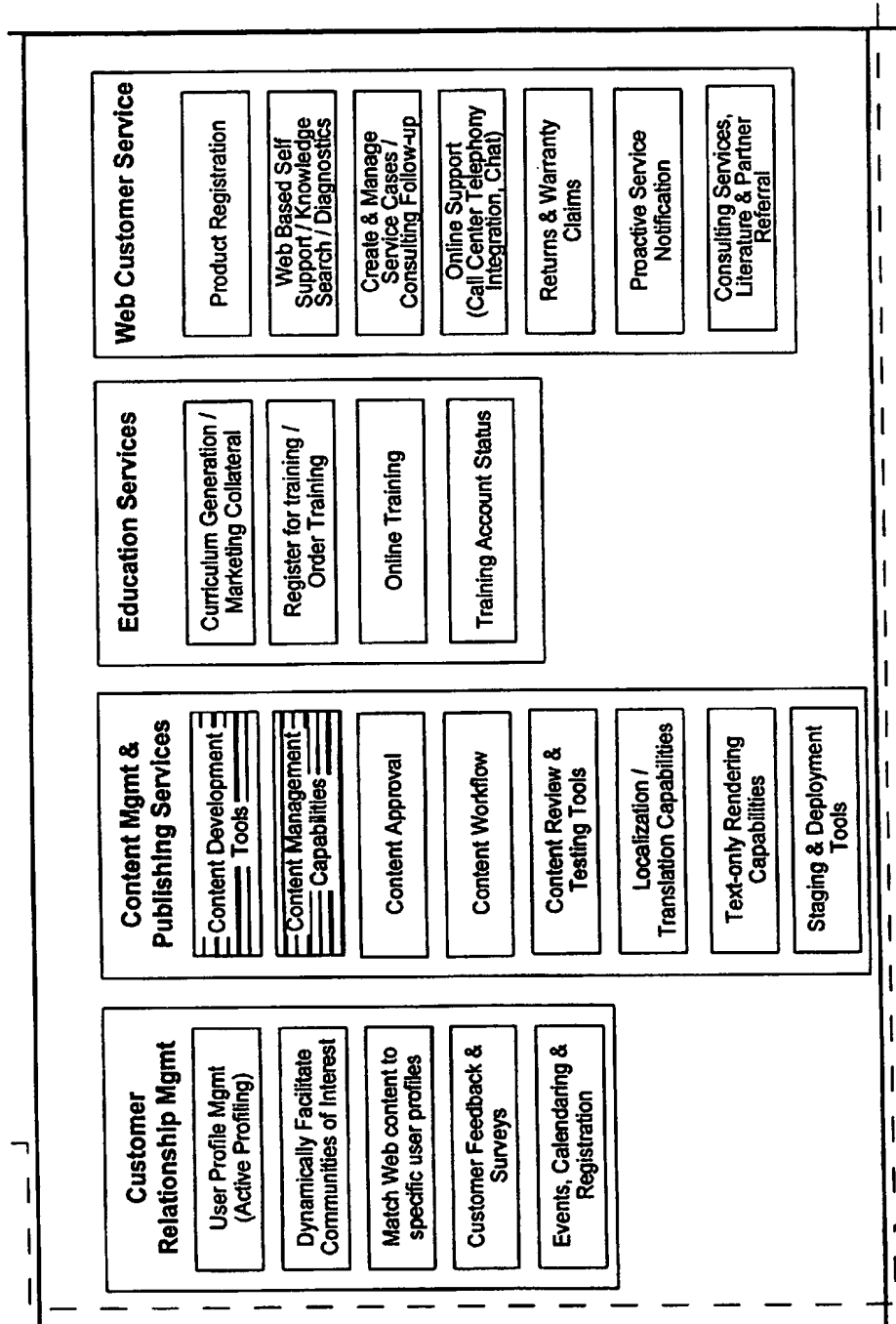


Fig. 32D

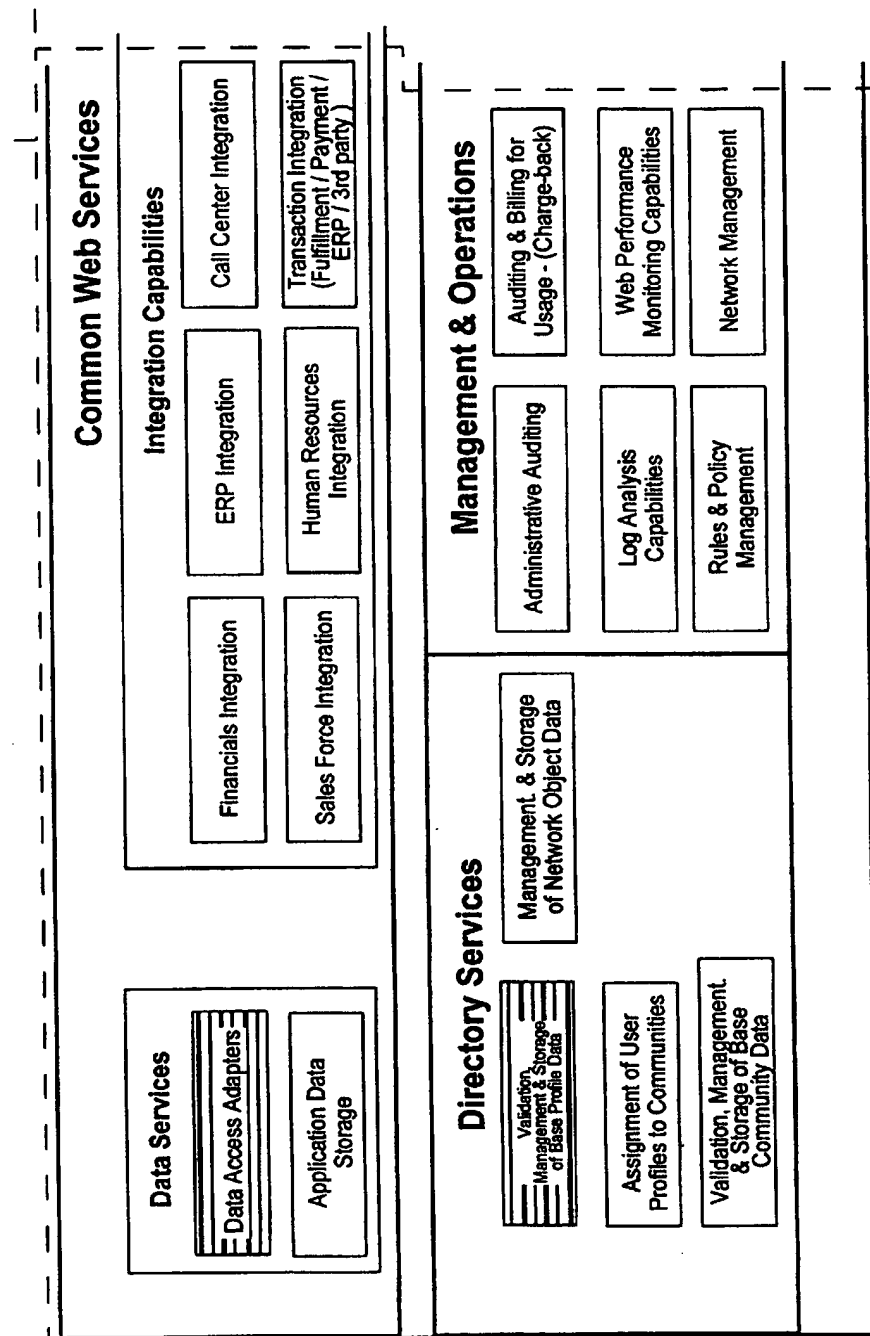


Fig. 32E

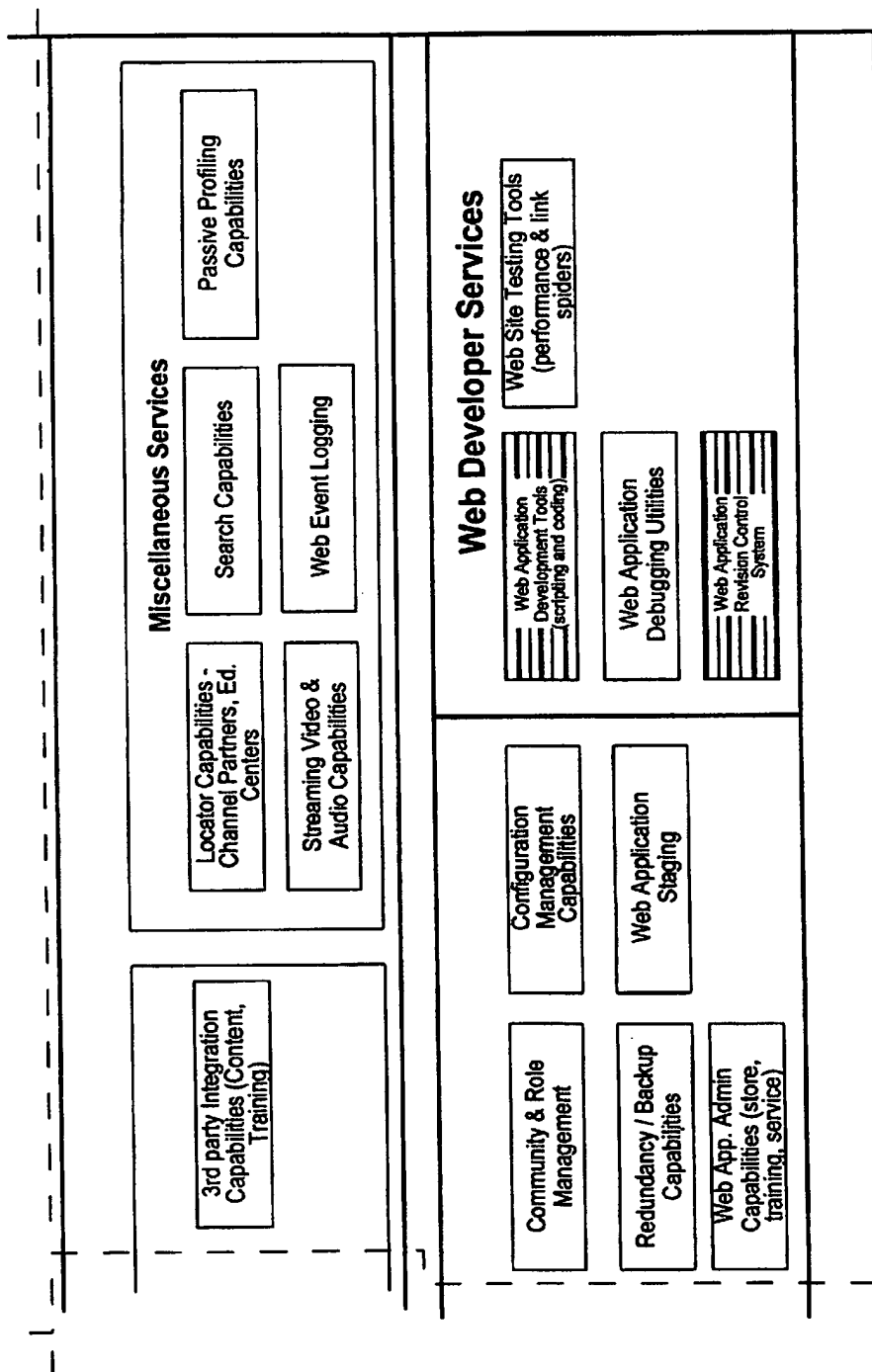


Fig. 32F

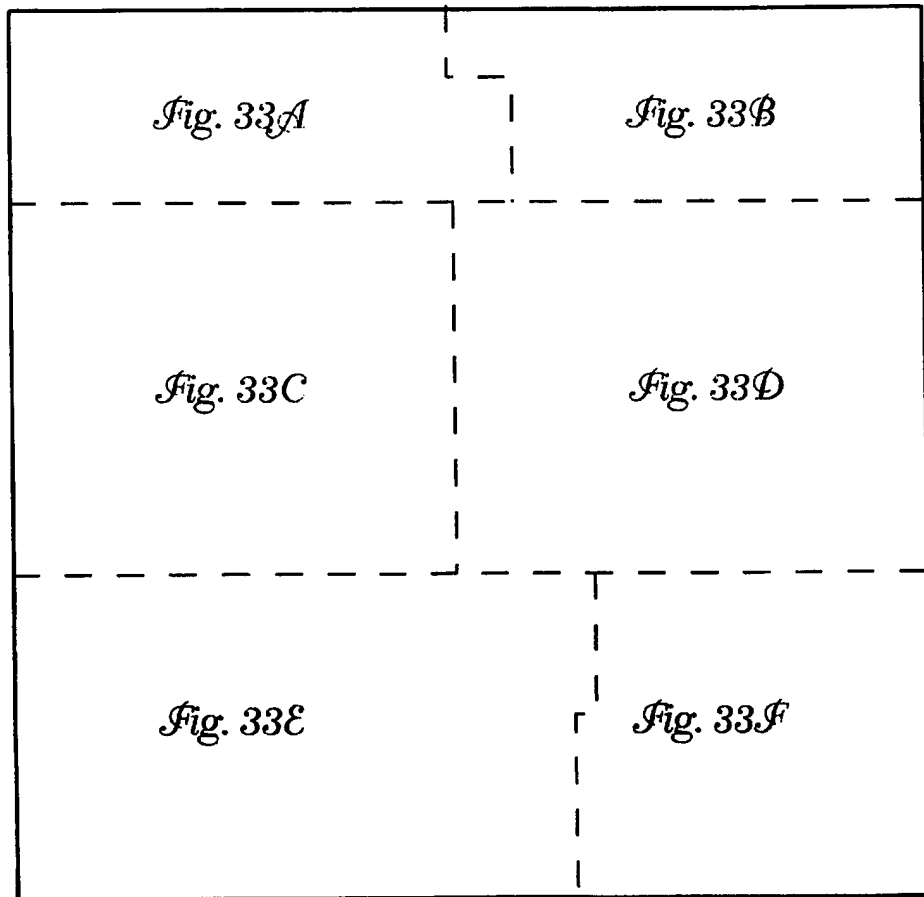


Fig. 33

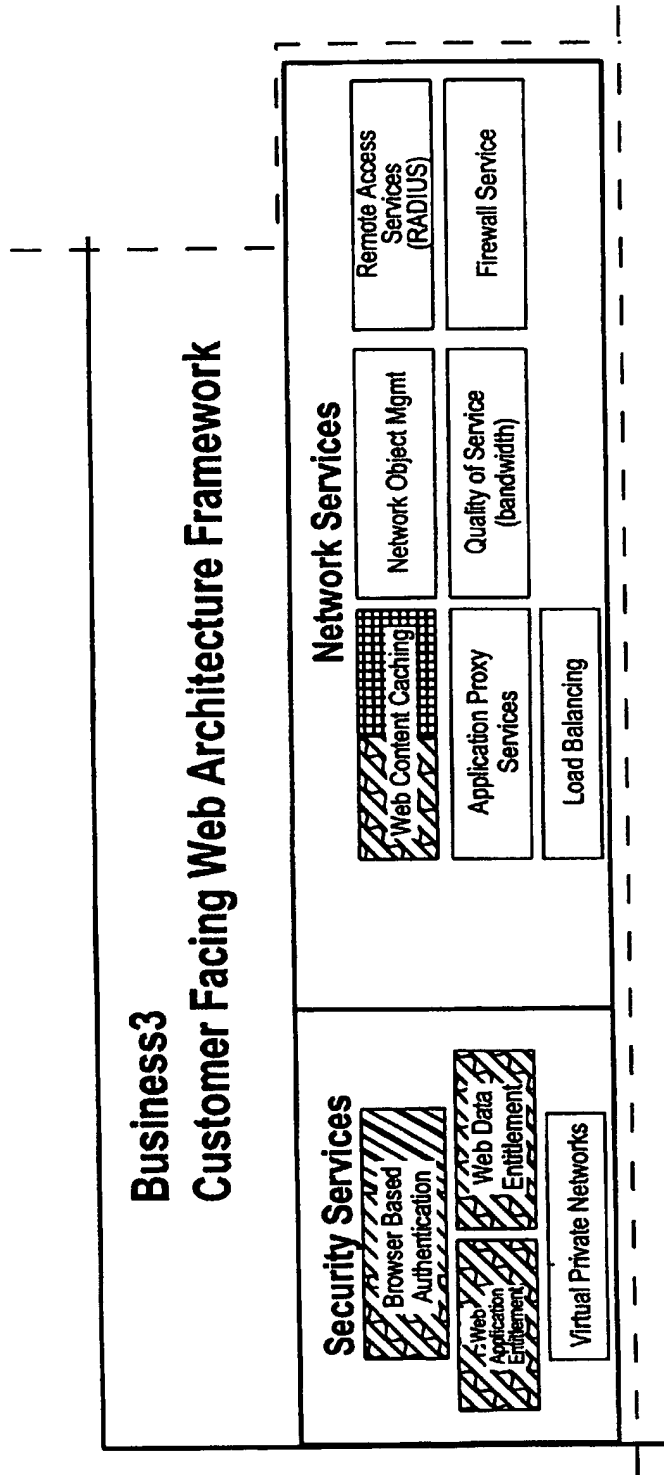
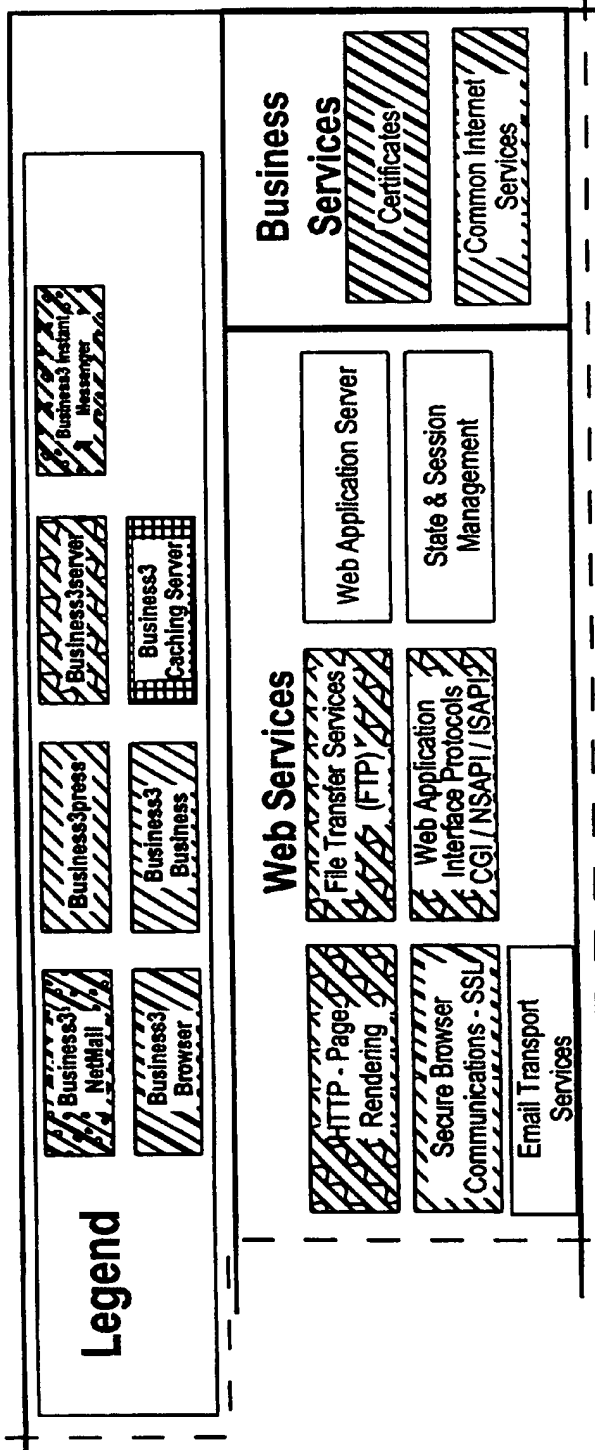


Fig. 33A

Fig. 33B



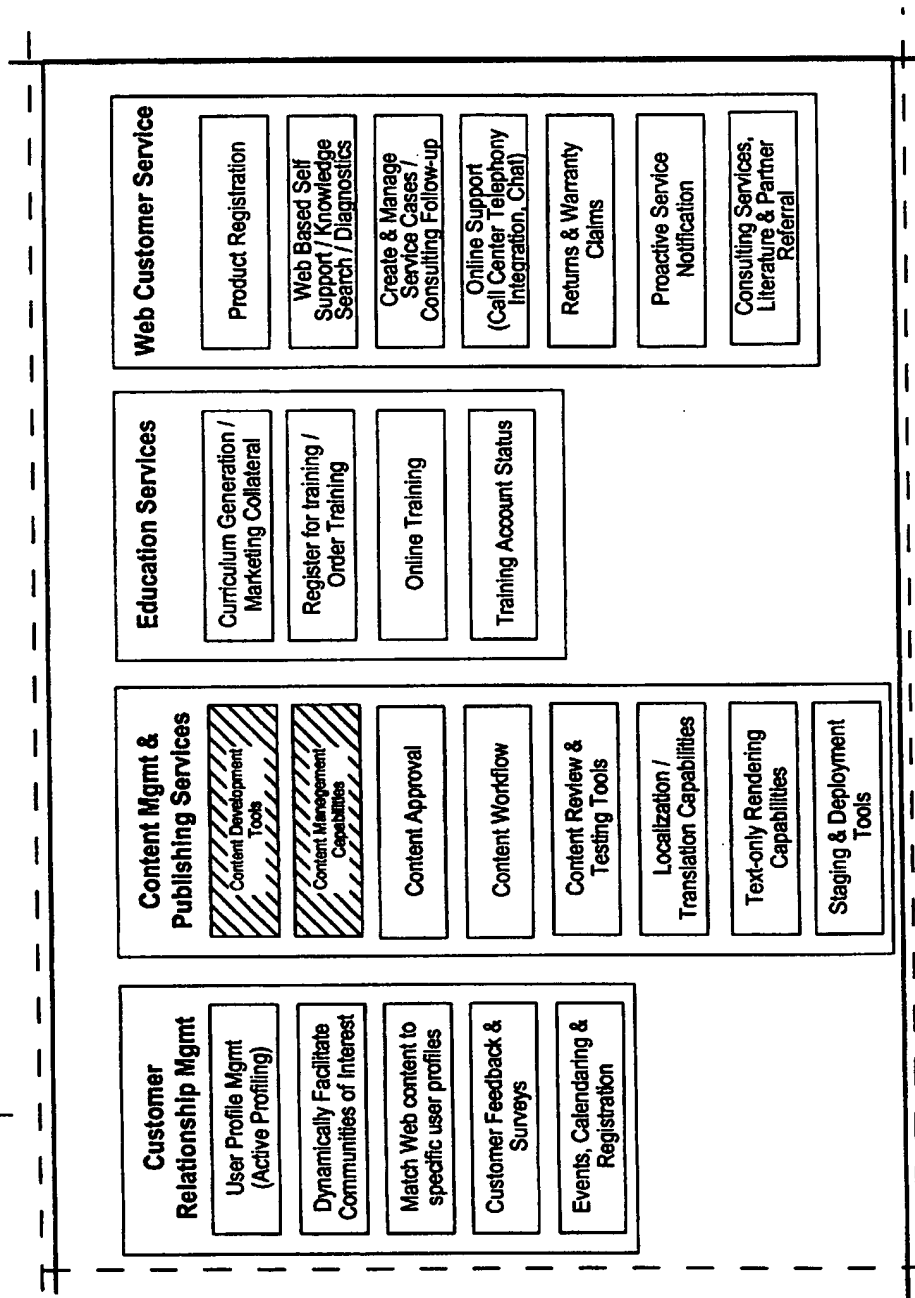


Fig. 33D

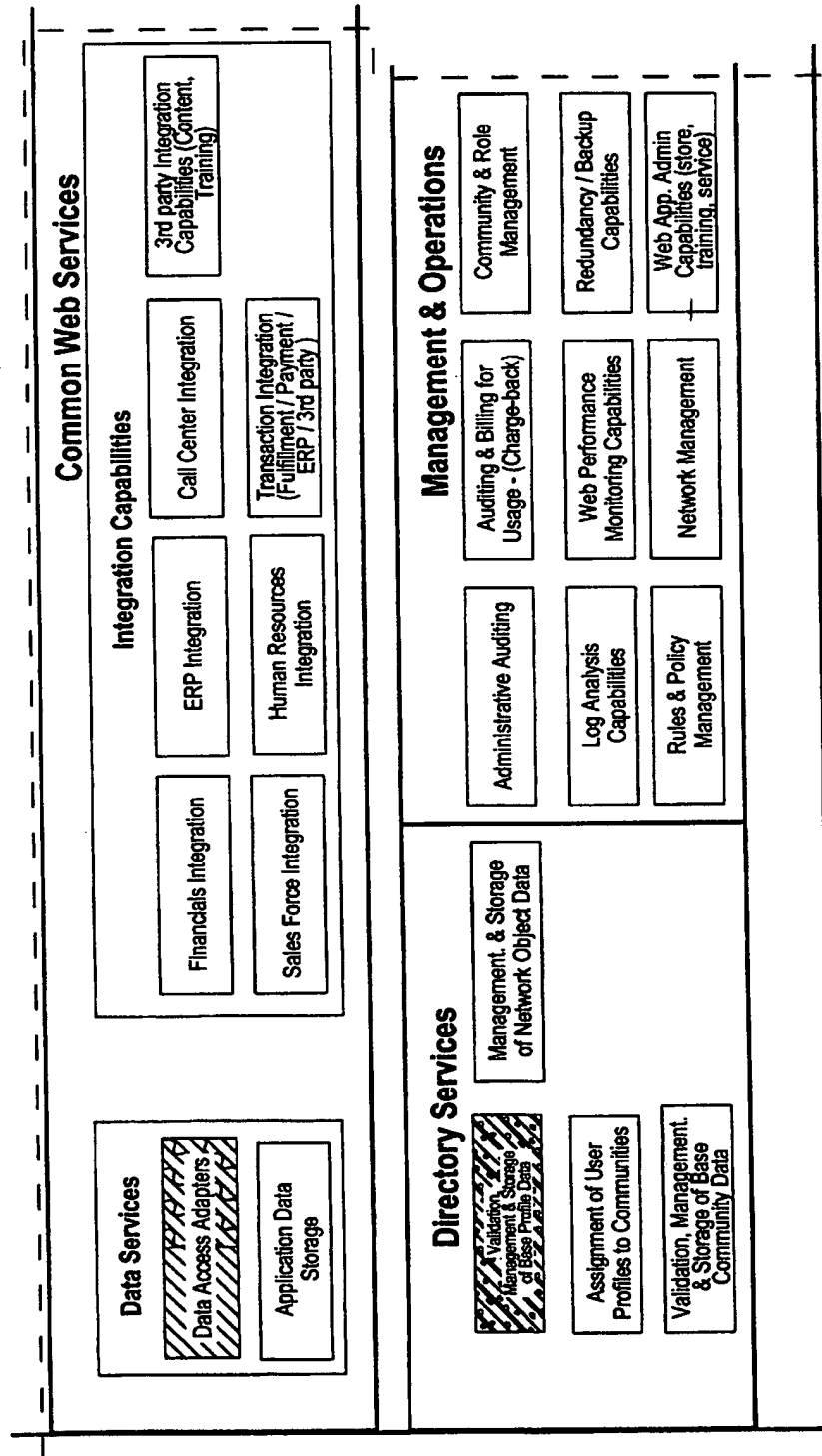


Fig. 33E

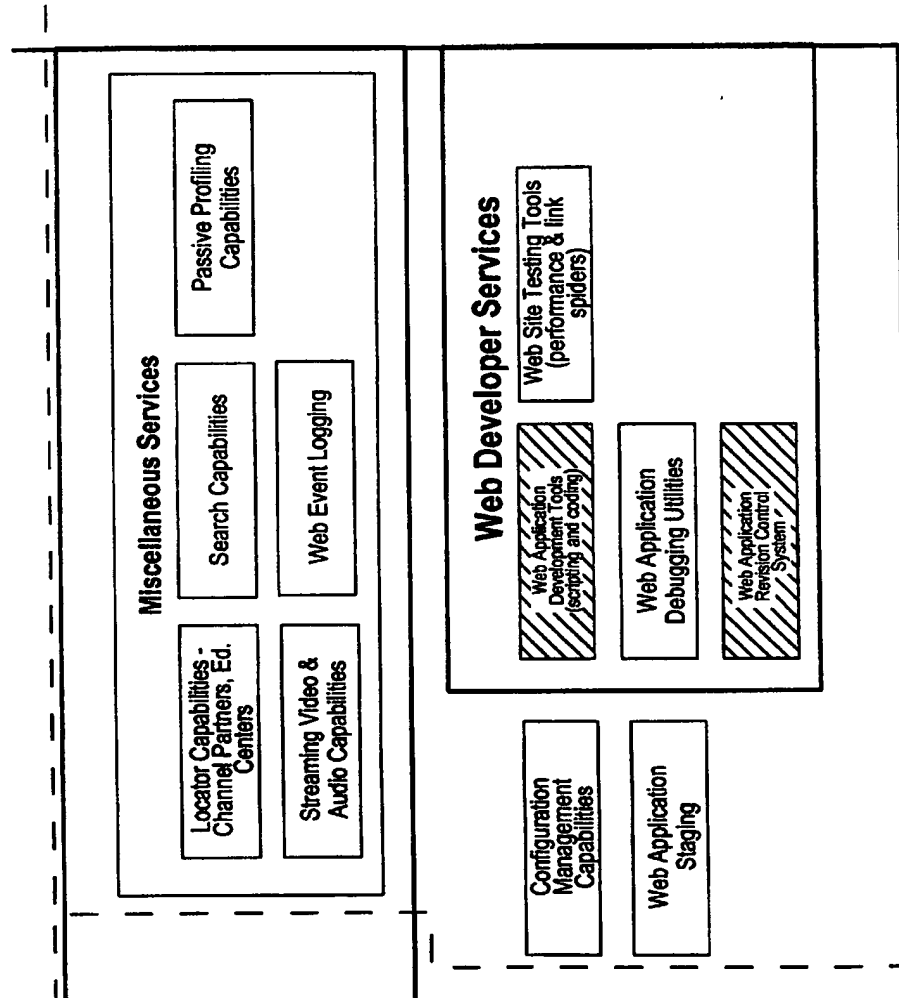


Fig. 33F

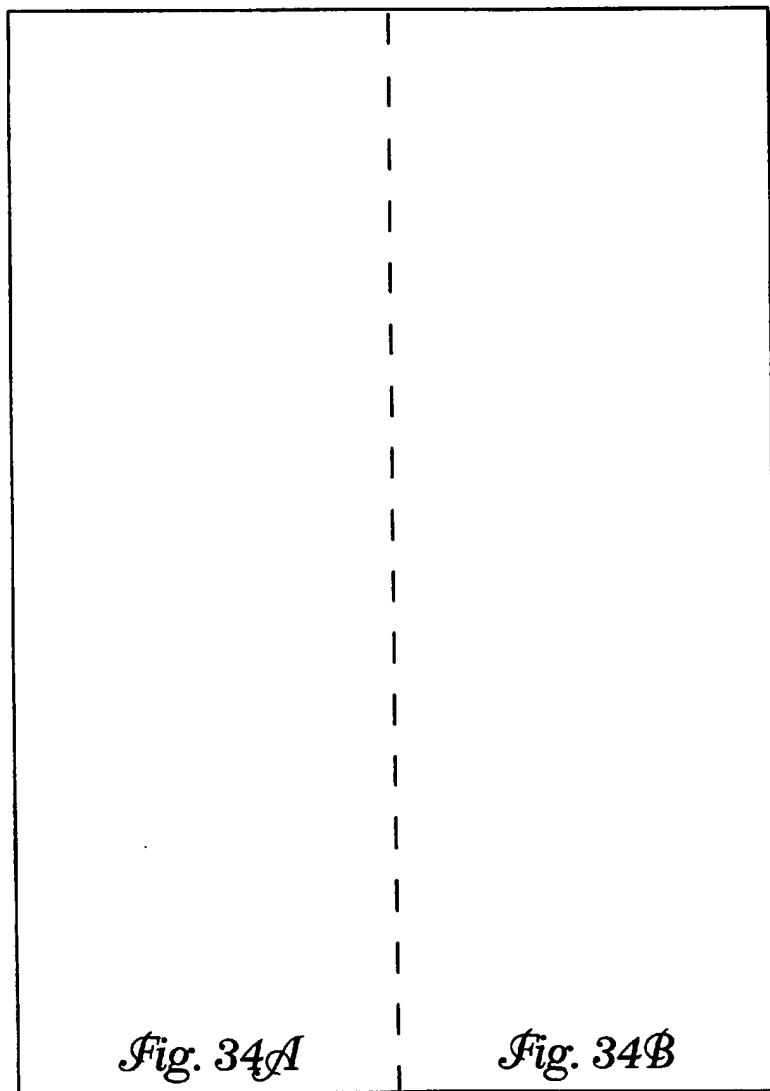


Fig. 34

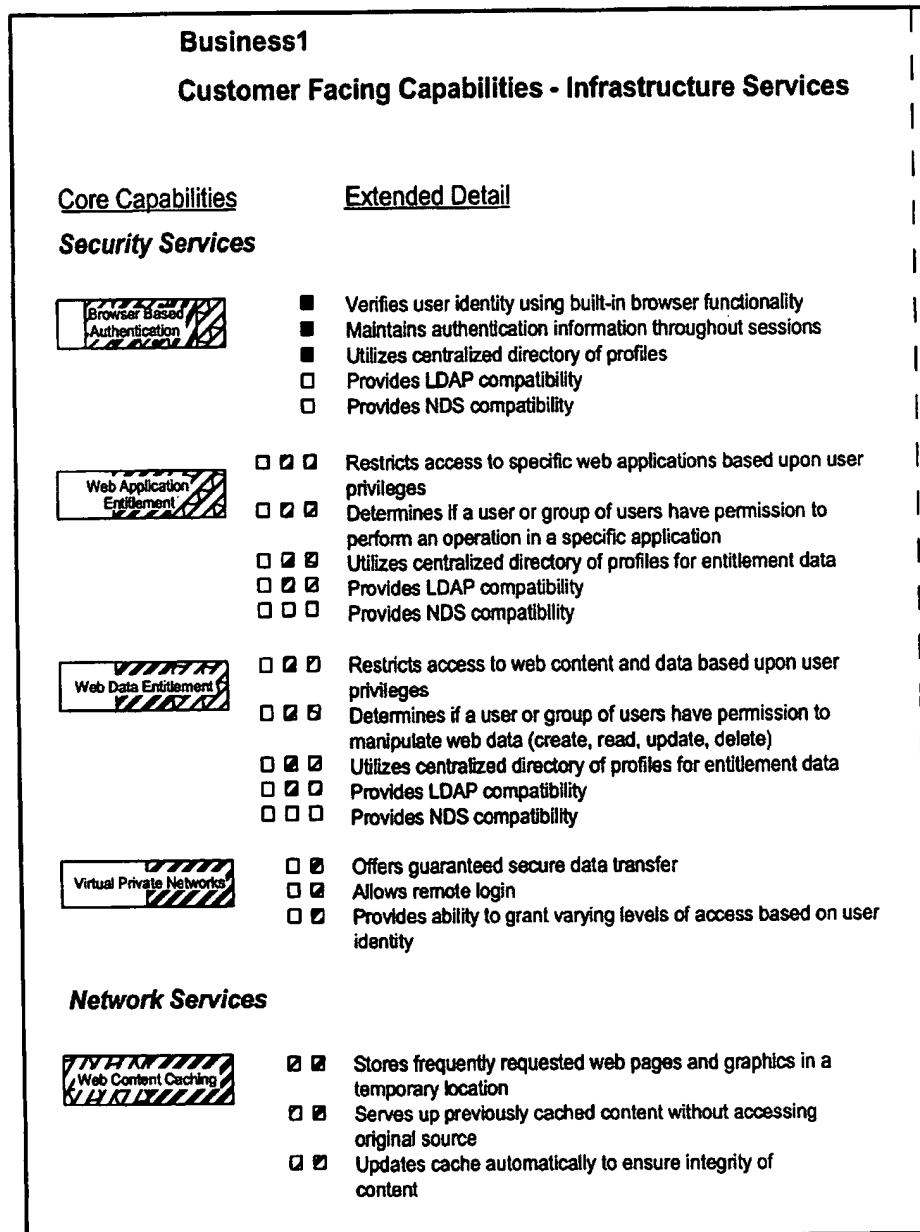


Fig. 34A

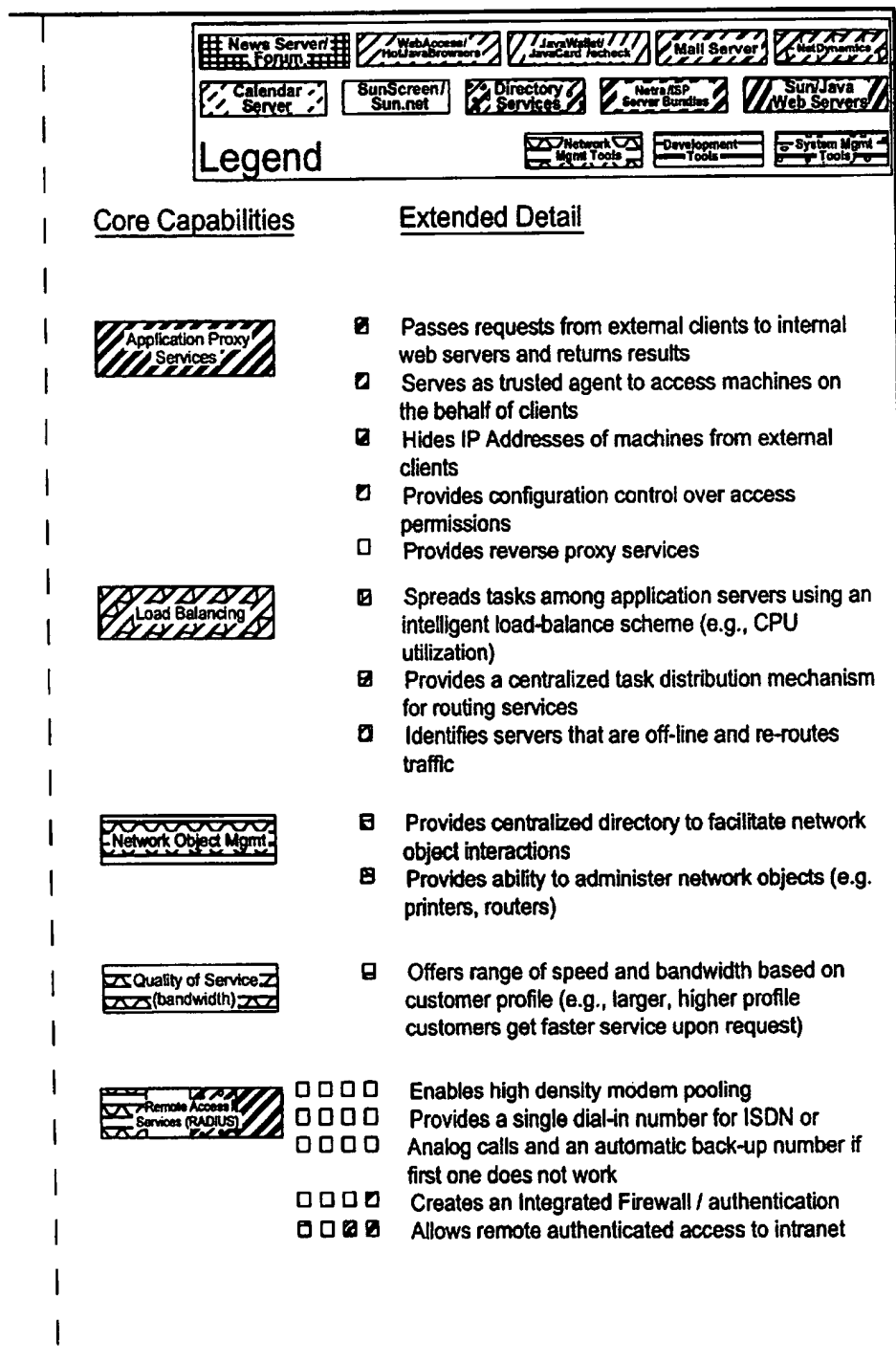
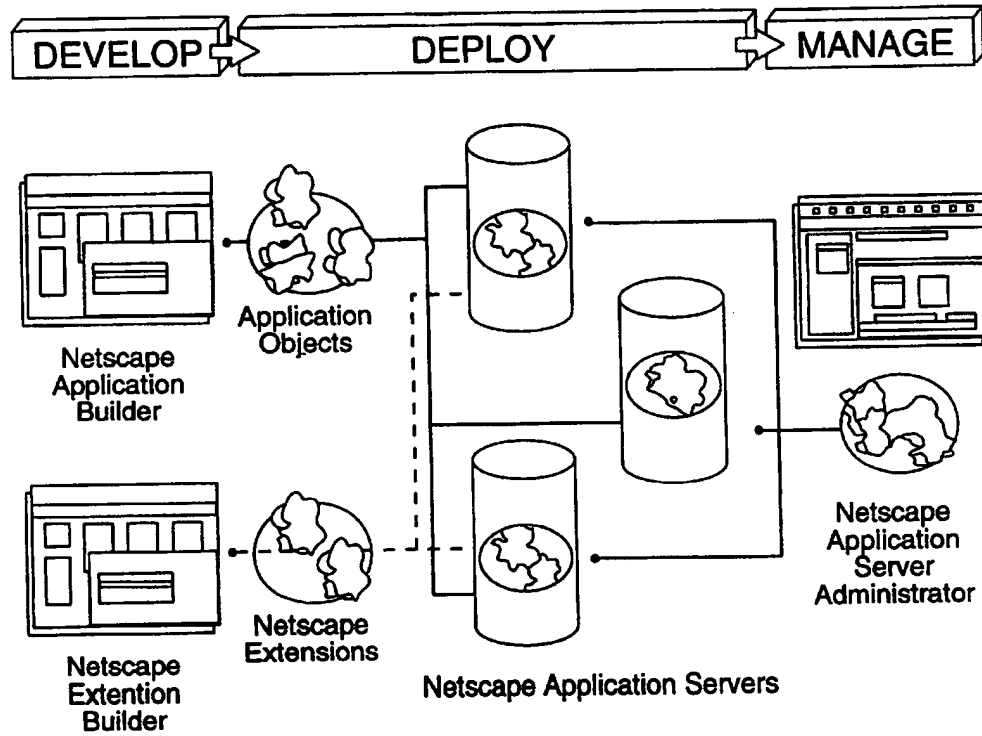


Fig. 34B

Client2 Application Server



Client2 Application Server

Fig. 35

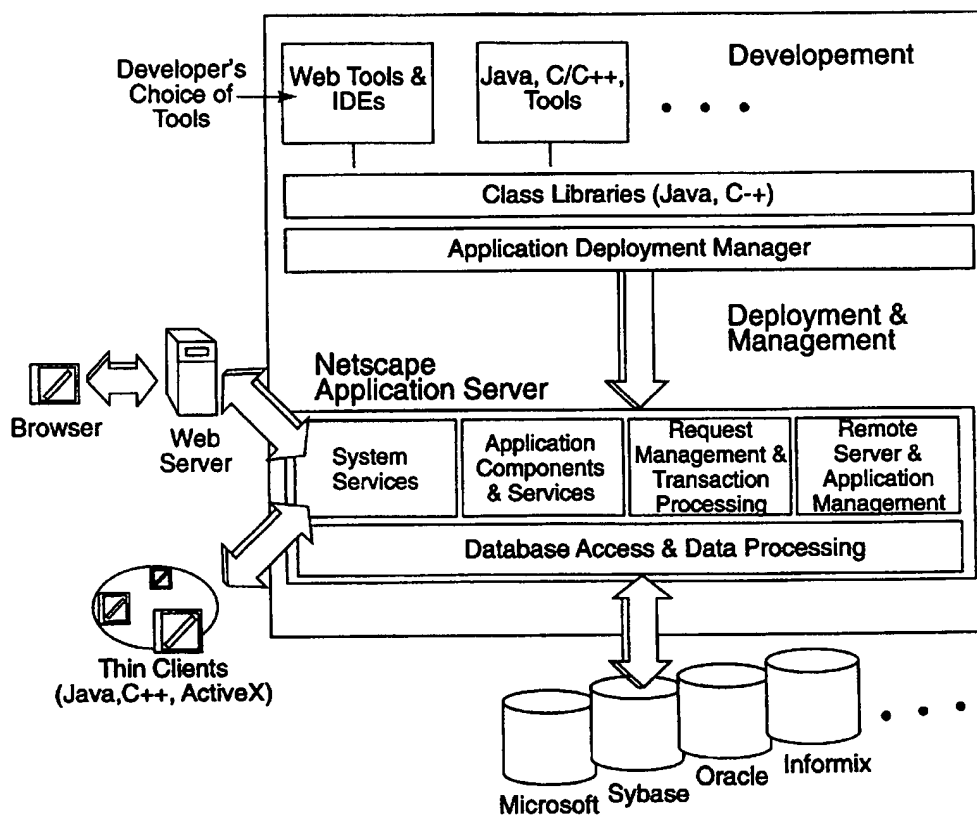


Fig. 36

Client2 ECXpert

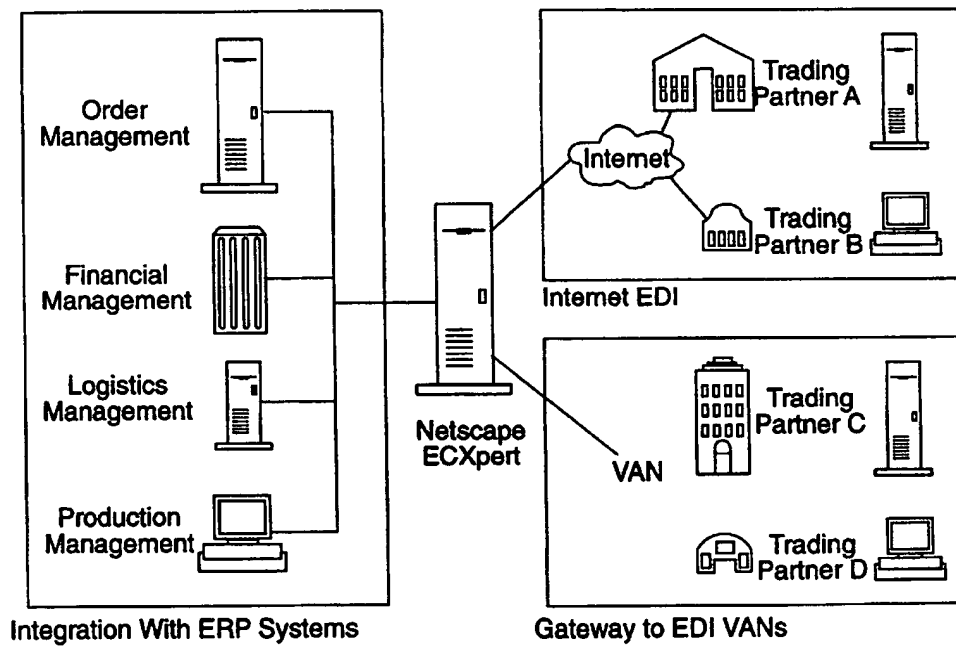


Fig. 37

Client2 ECXpert

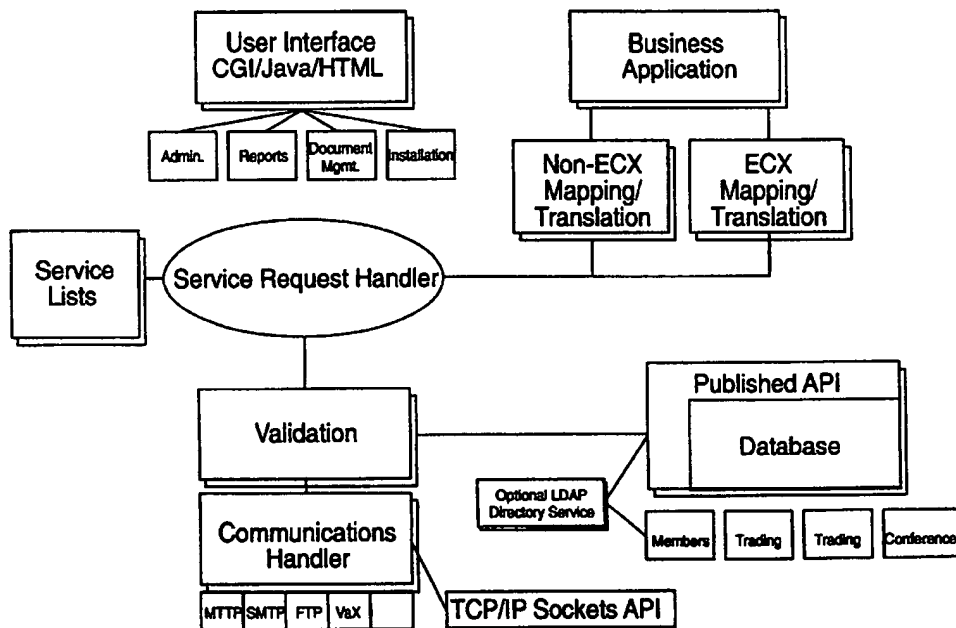


Fig. 38

Client2 SellerXpert

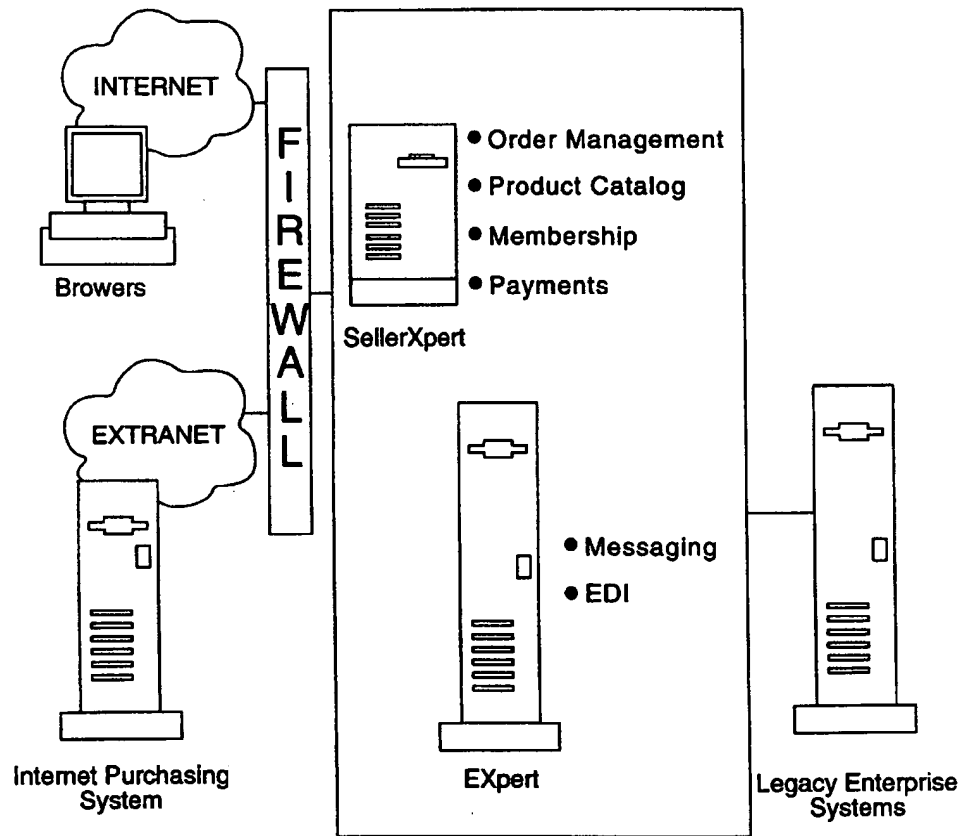


Fig. 39

Client2 PublishingXpert

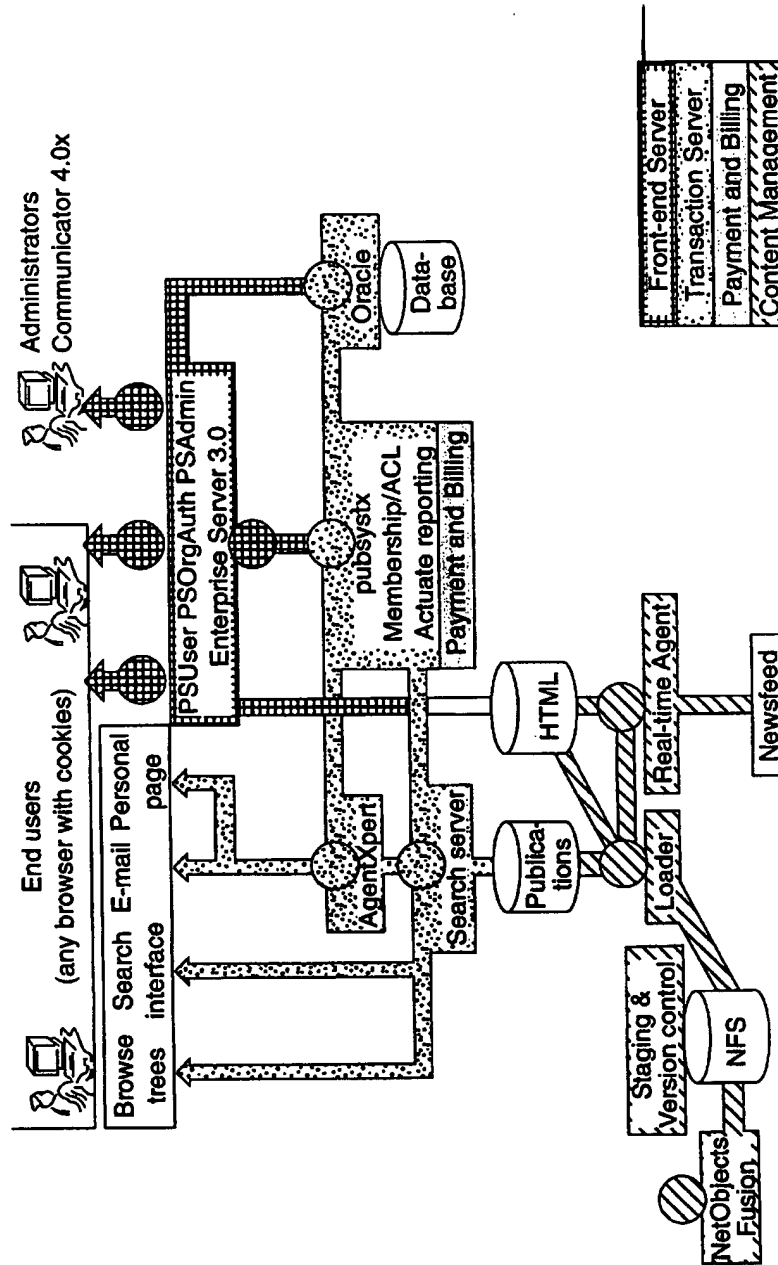
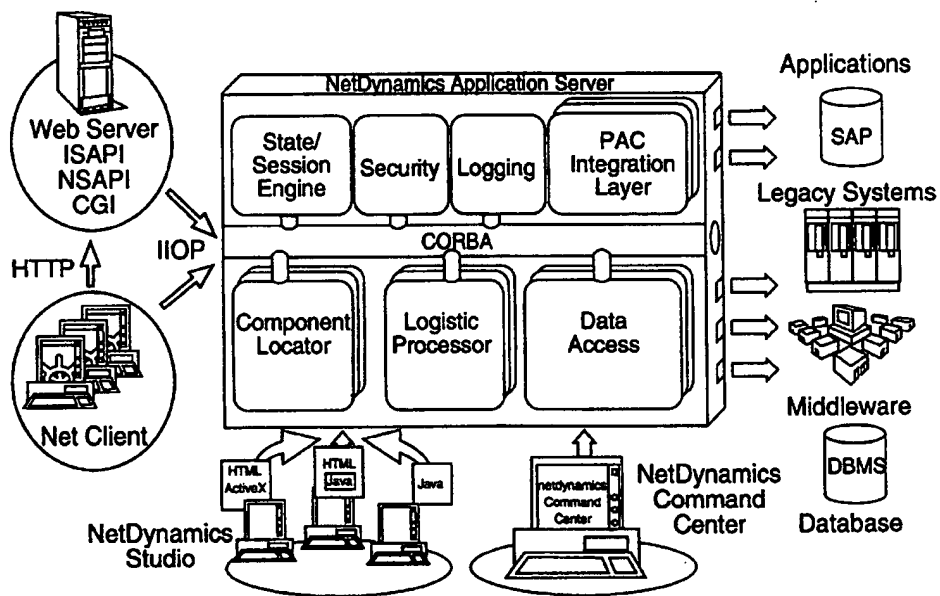


Fig. 40



- ① Any Web browser requests a dynamic-page
- ② The Web server notifies ColdFusion
- ③ ColdFusion processes the dynamic-page based on the CFML tags
- ④ ColdFusion generates an HTML page
- ⑤ The Web server sends the HTML page to the browser

Fig. 41

Client1 Internet Mail Server

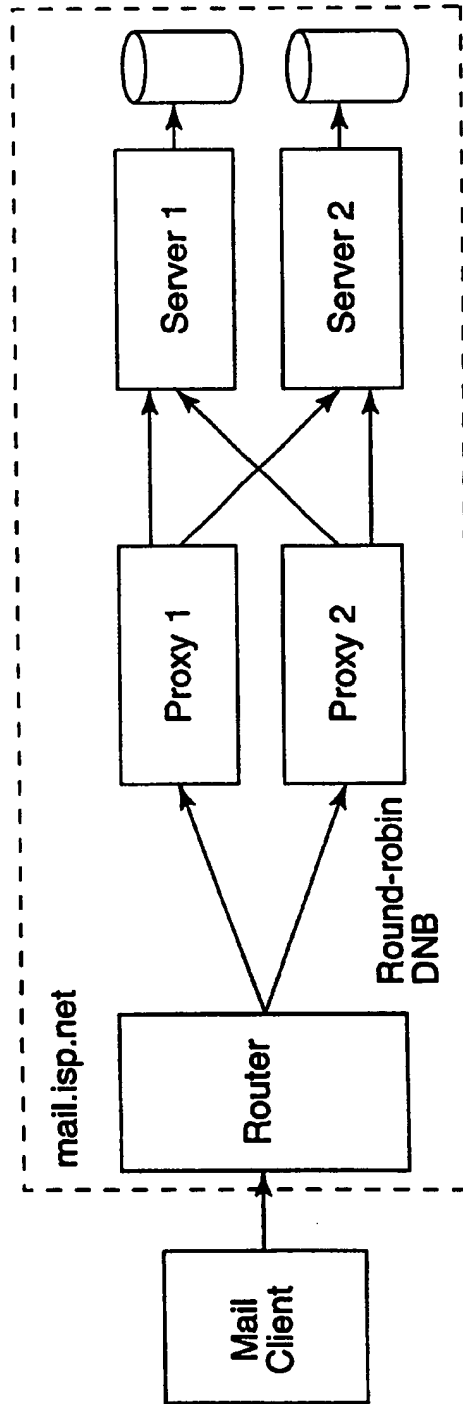


Fig. 42

Client1 Internet News Server

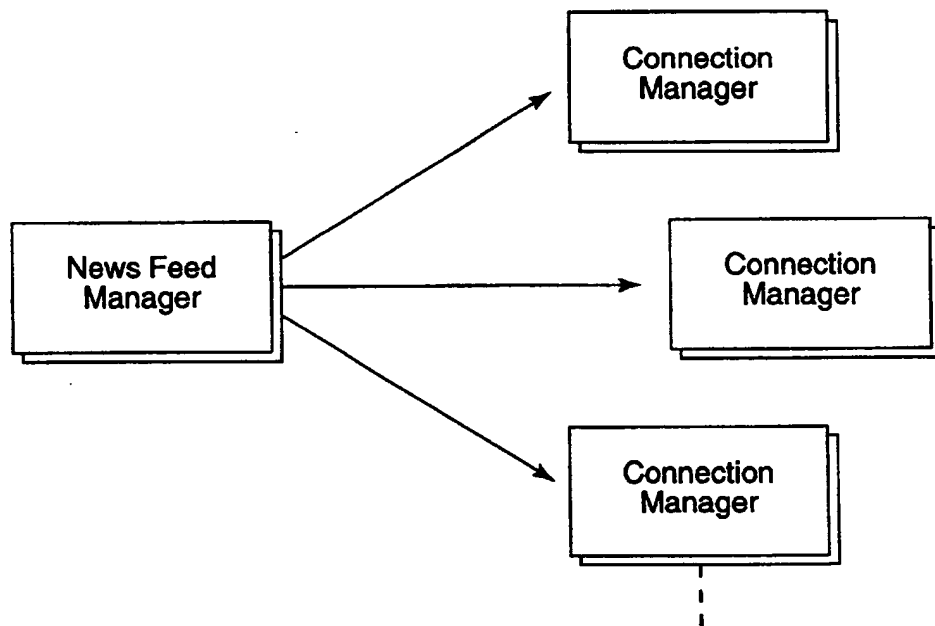


Fig. 43

Client1 Personal WebAccess Browser

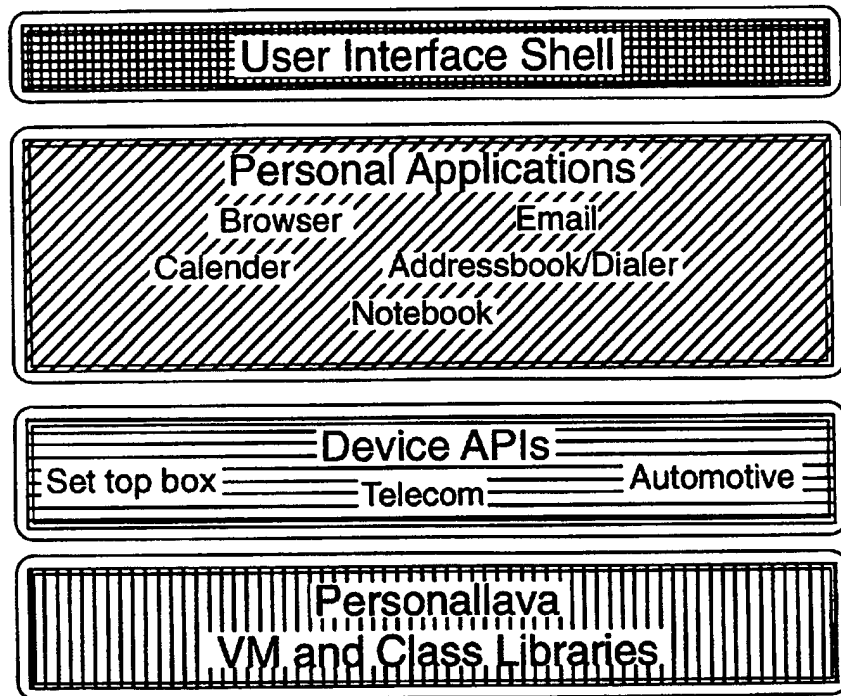


Fig. 44

Client1 Directory Services

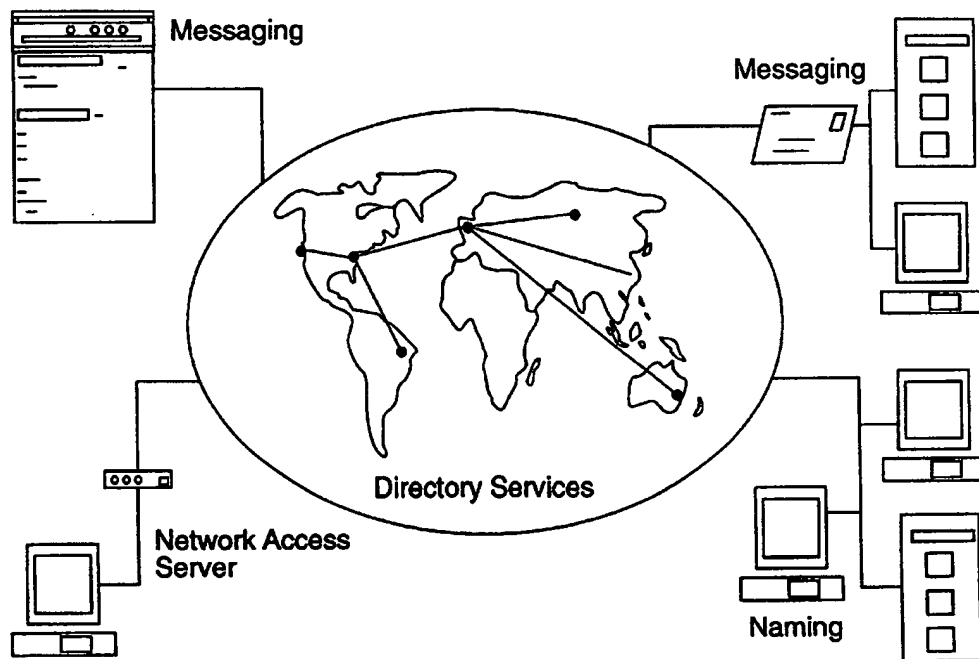


Fig. 45

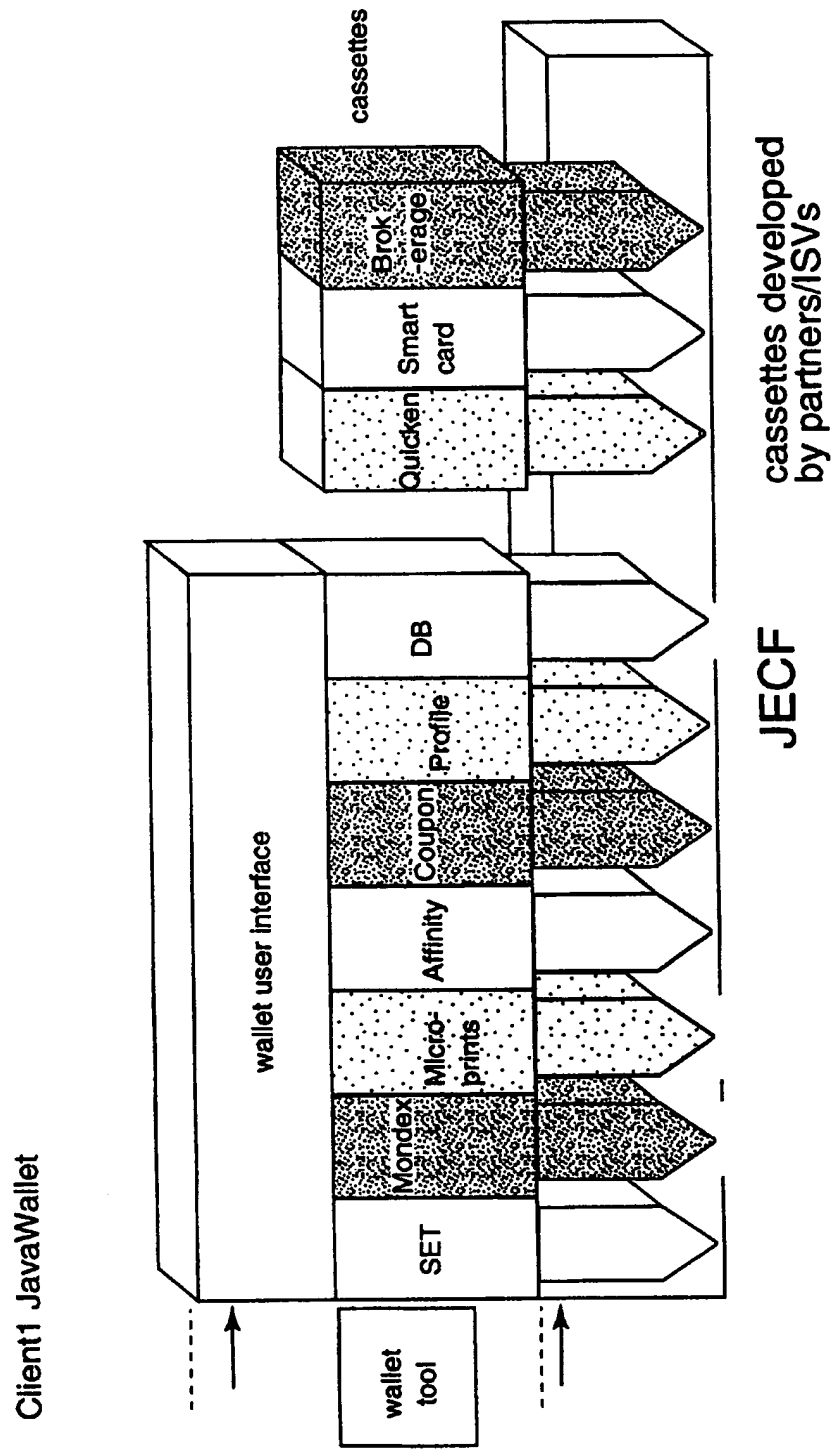


Fig. 46

Client1Screen Product Suite

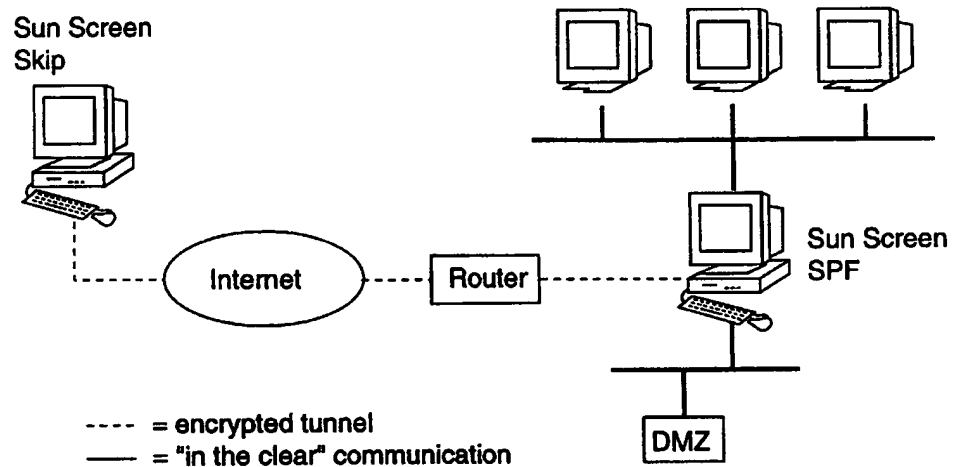


Fig. 47

Netra Internet Server Bundle

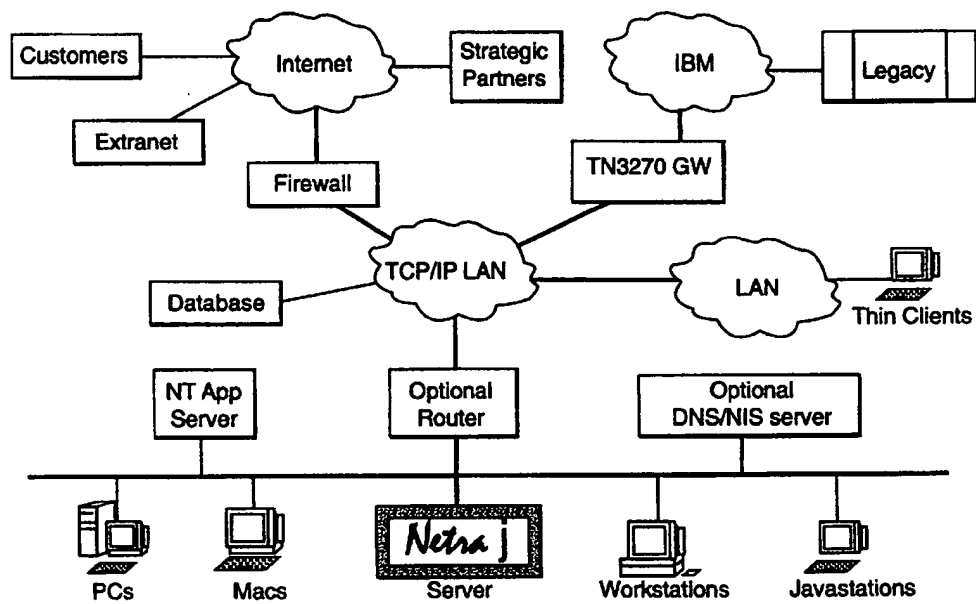


Fig. 48

Solaris ISP Server Bundle

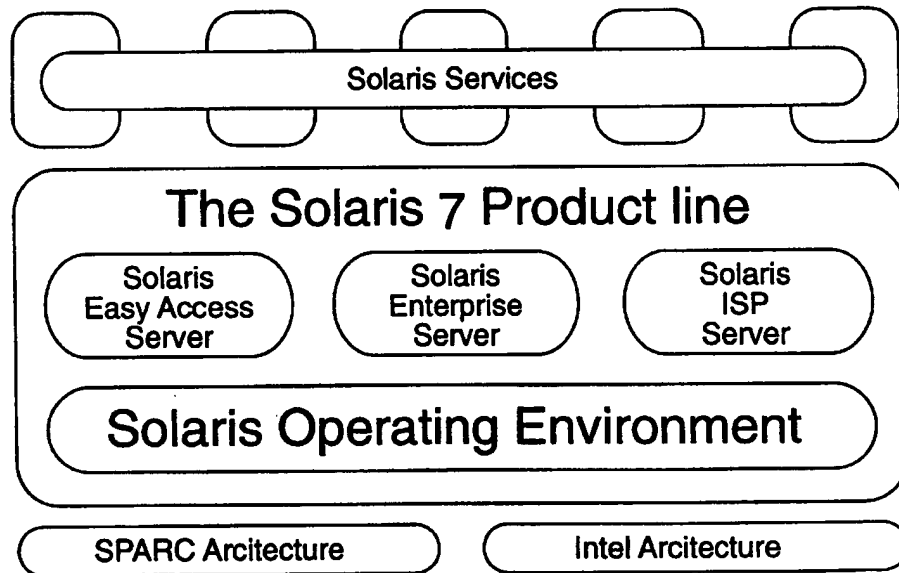


Fig. 49

Development & Testing Tools

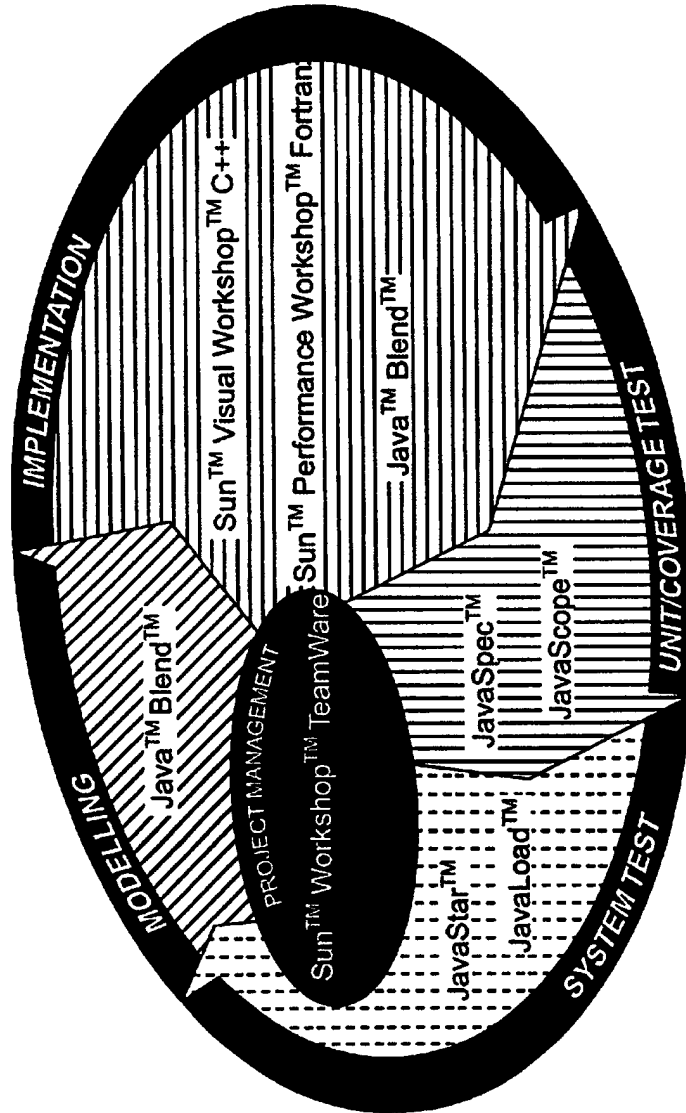


Fig. 50

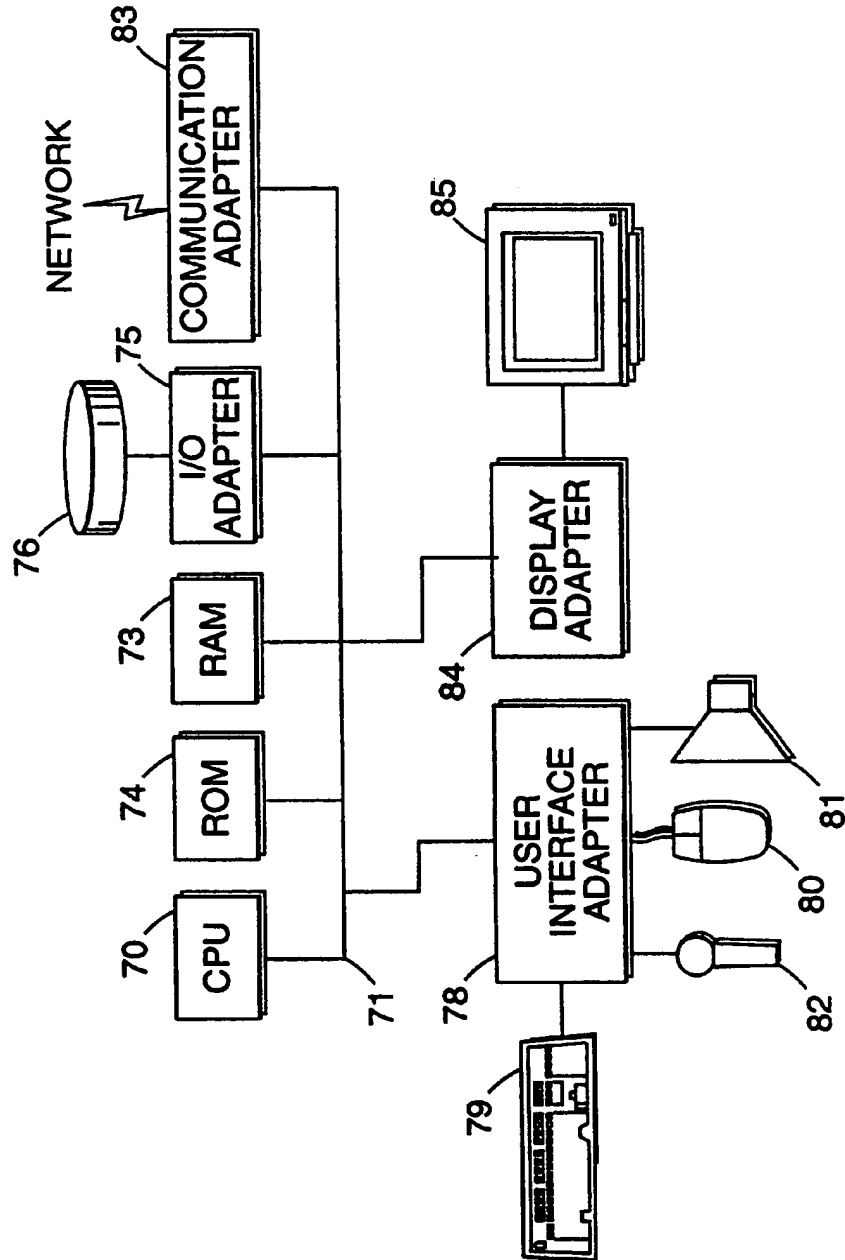


Fig. 51

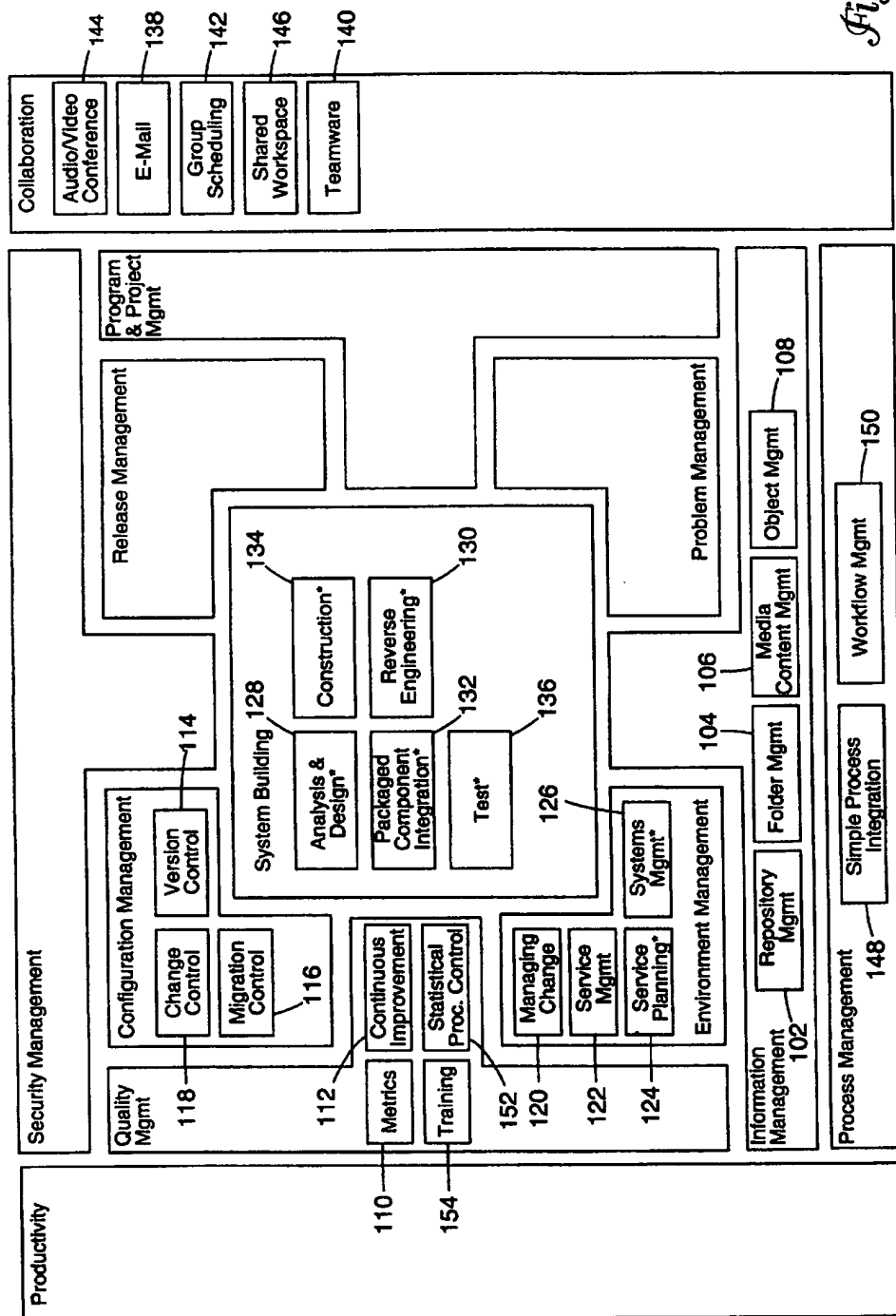


Fig. 52

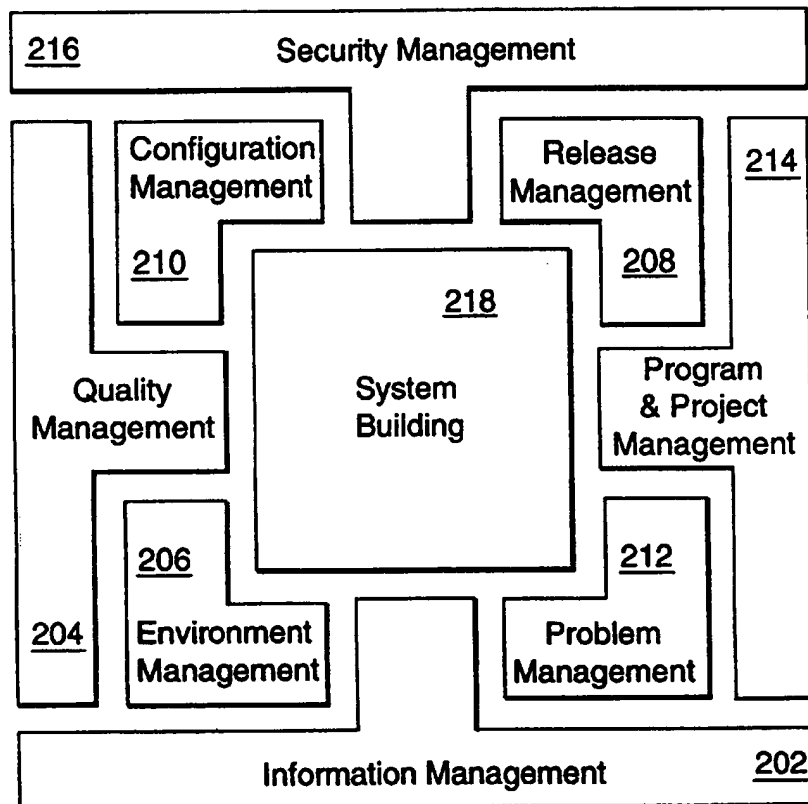


Fig. 53

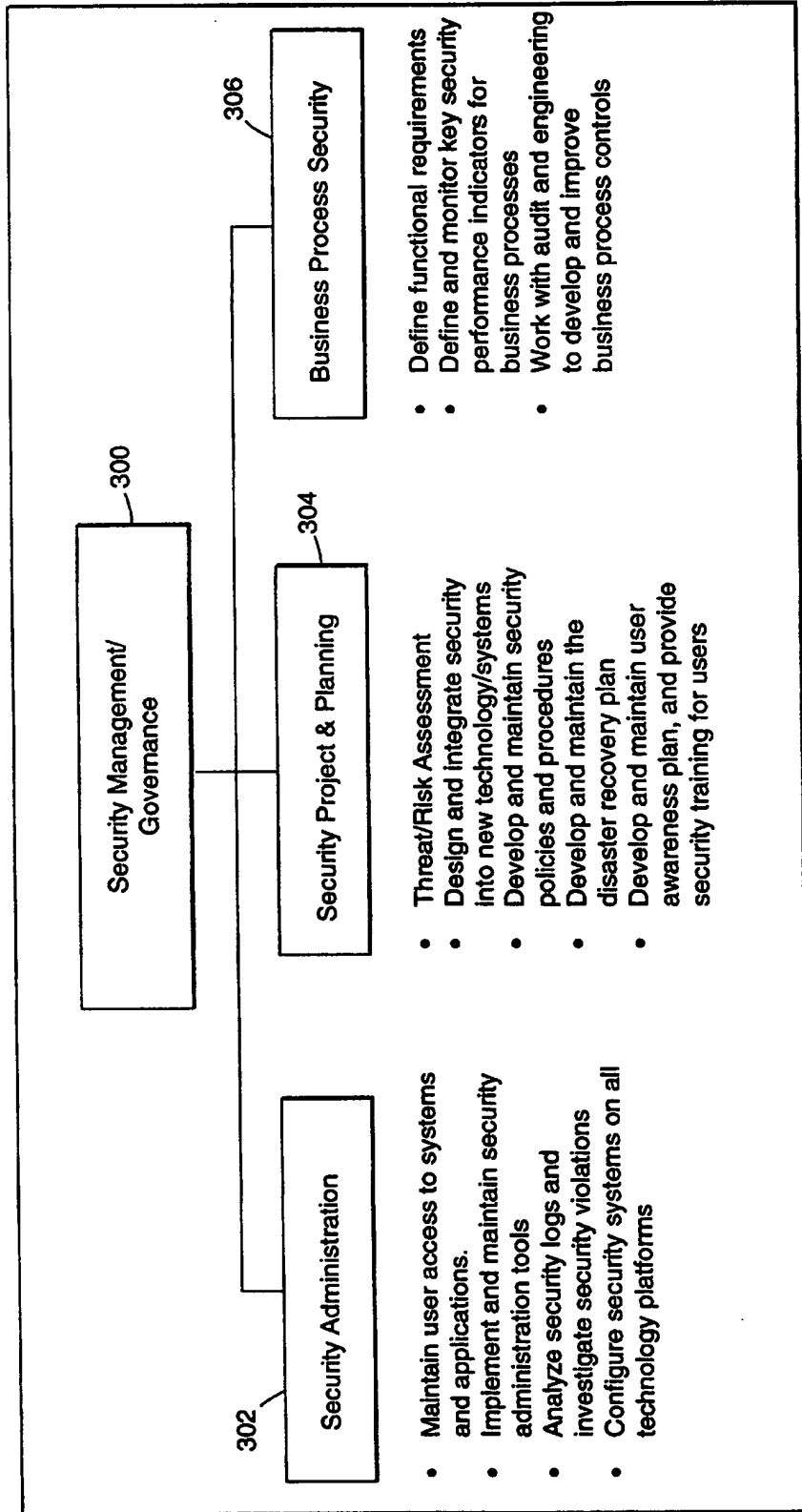


Fig. 54

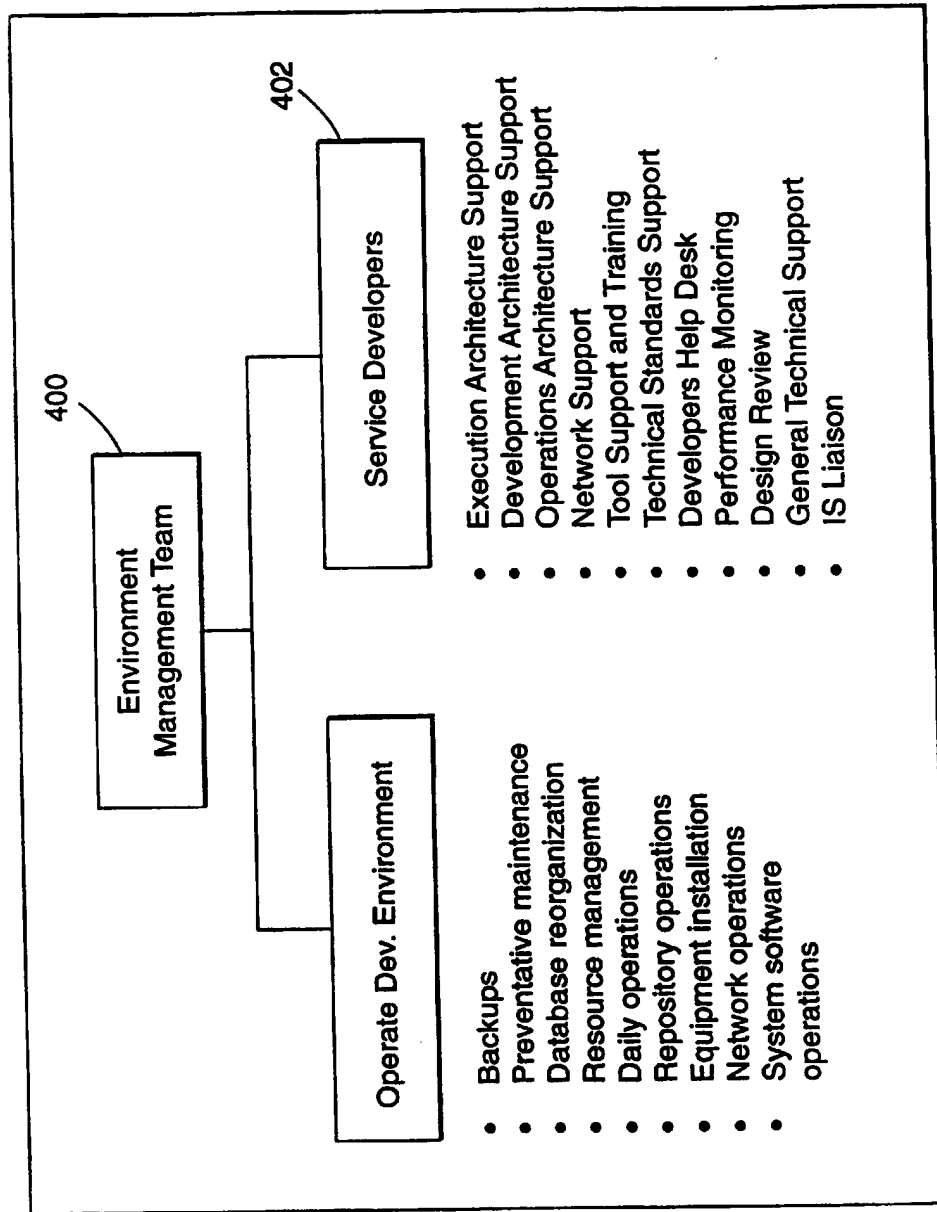


Fig. 55

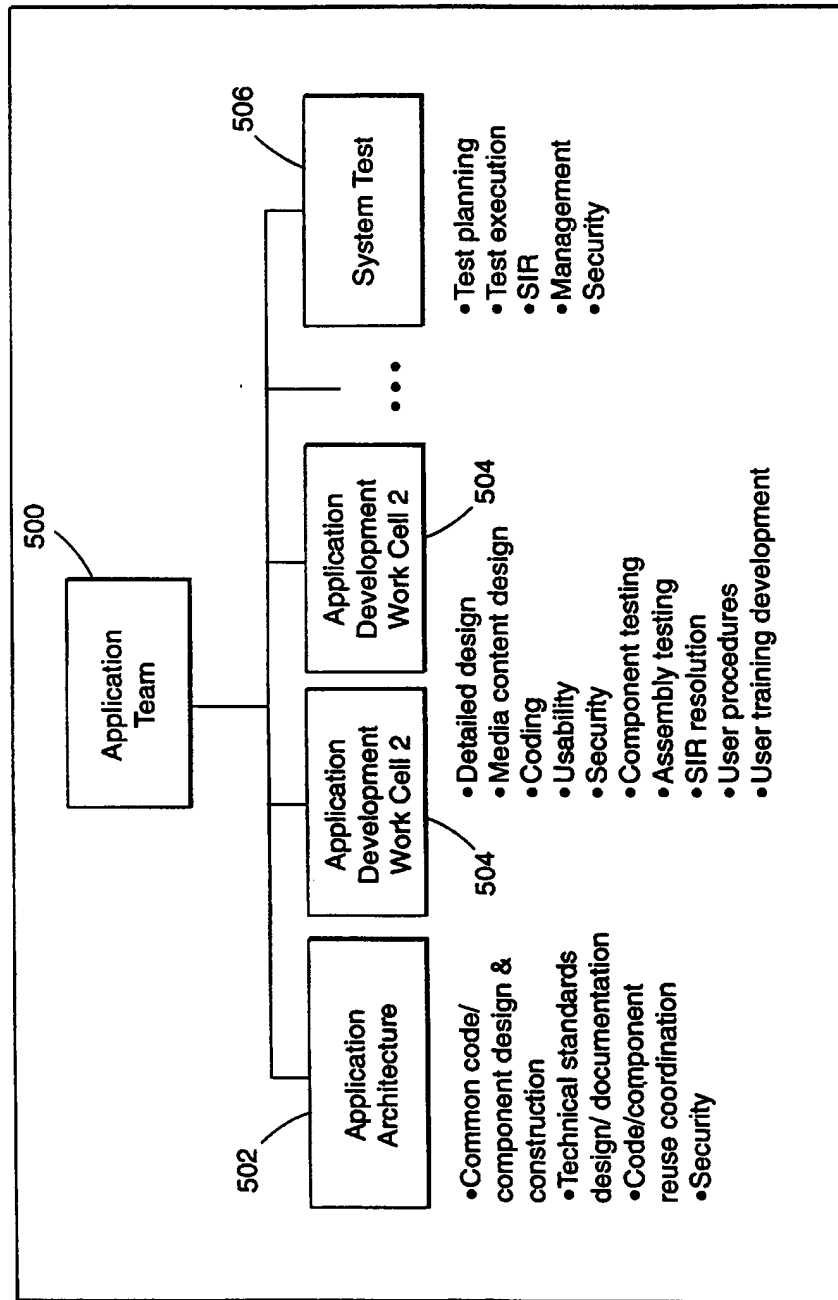


Fig. 56

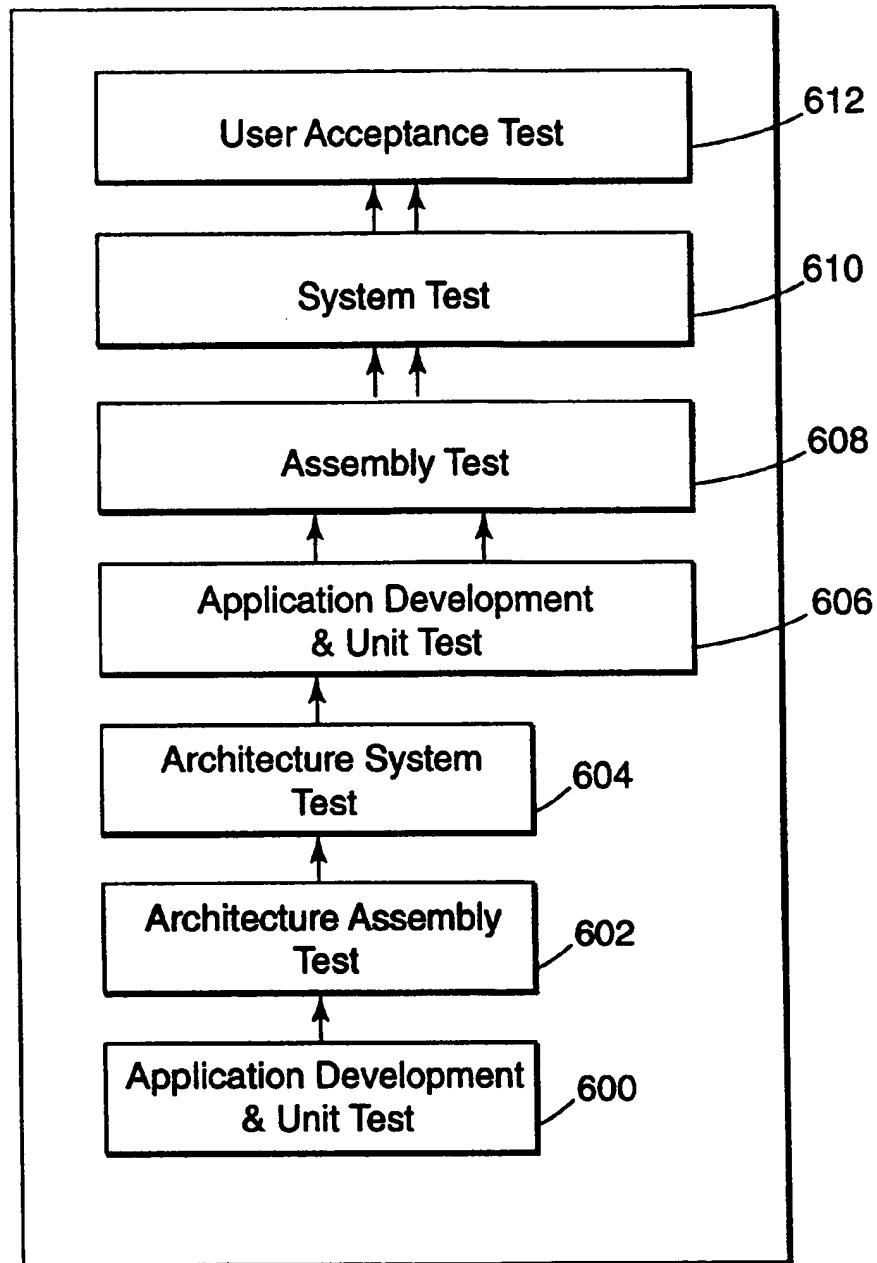


Fig. 57

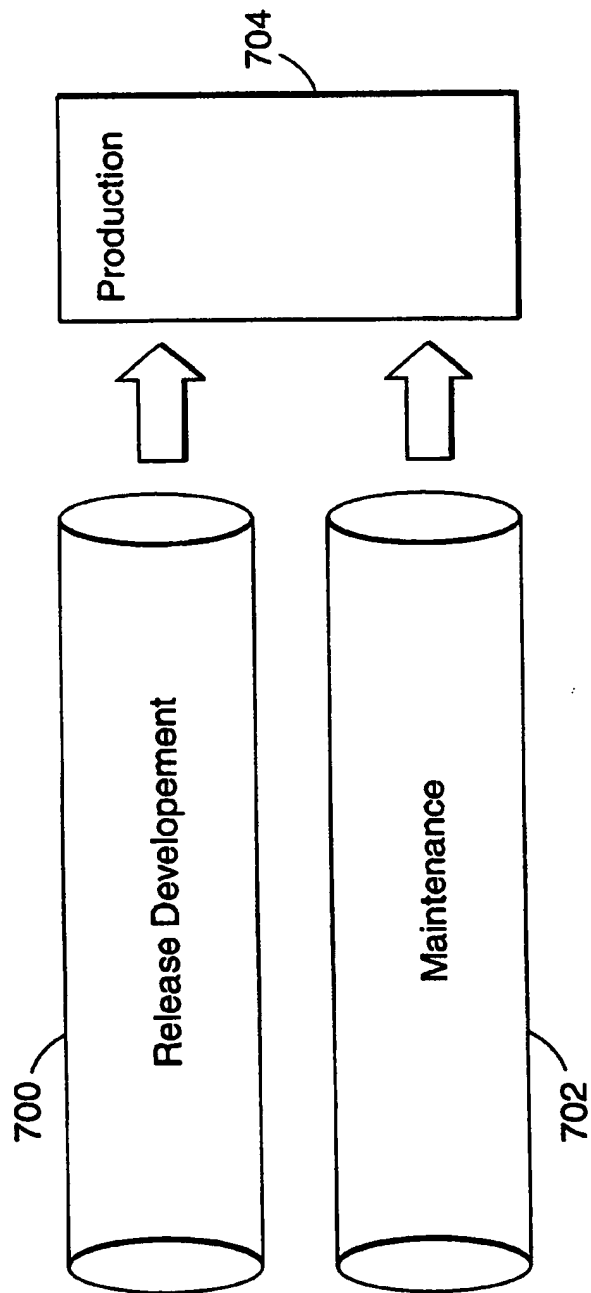


Fig. 58

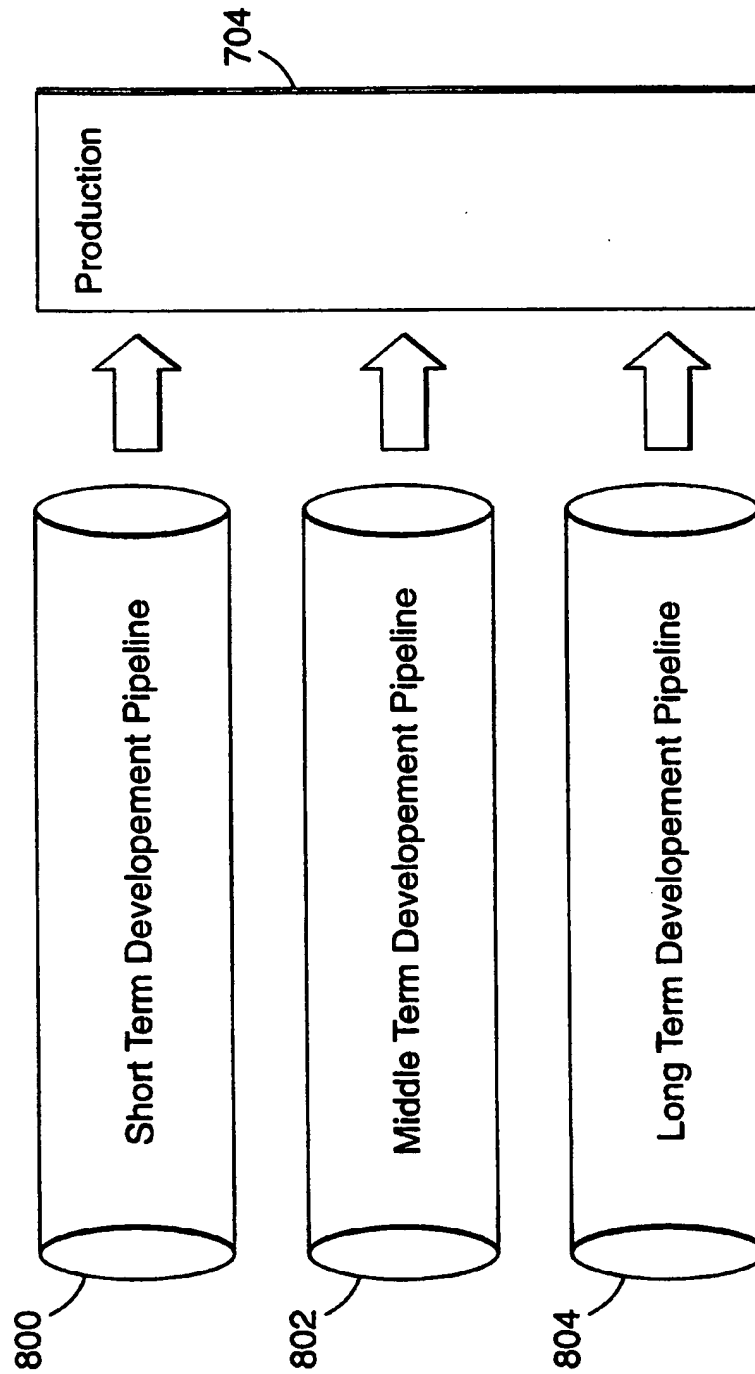


Fig. 59

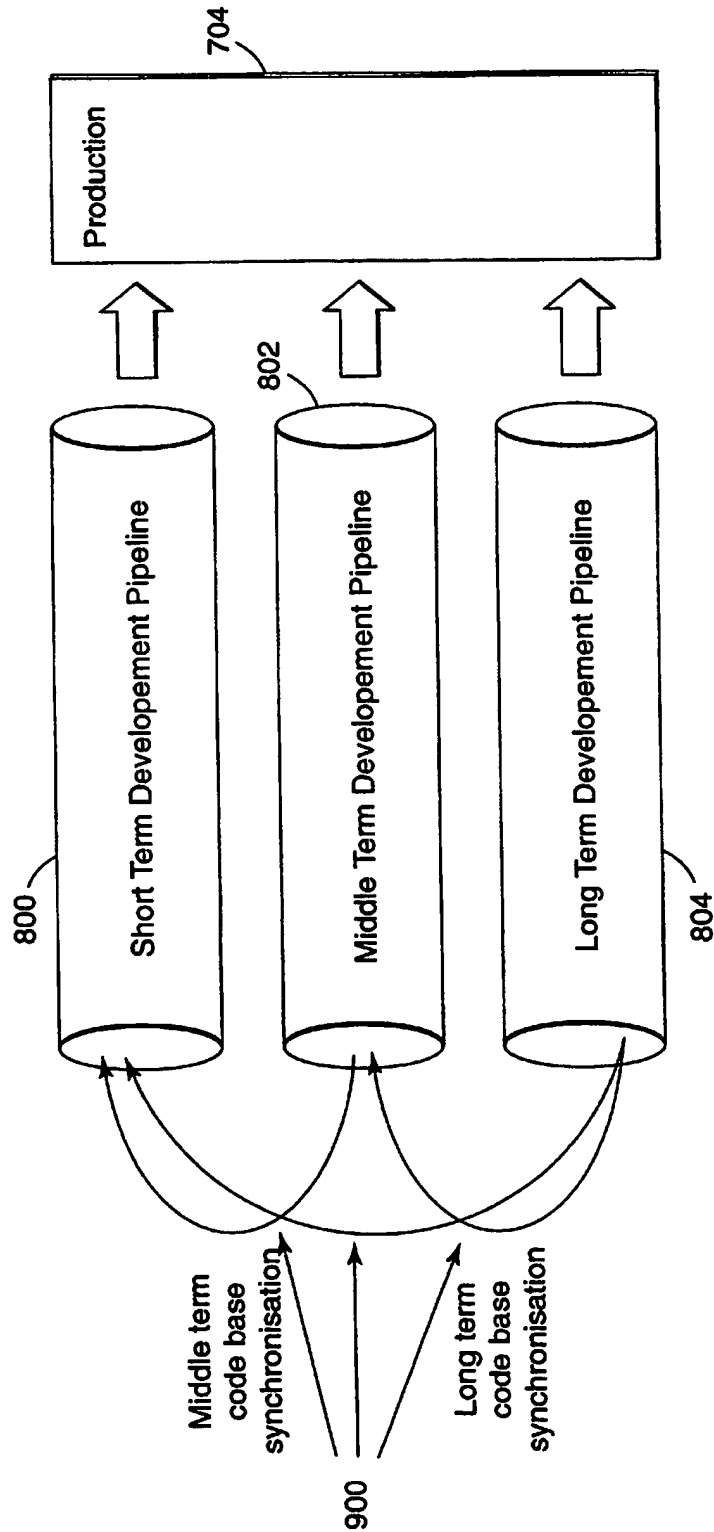


Fig. 60

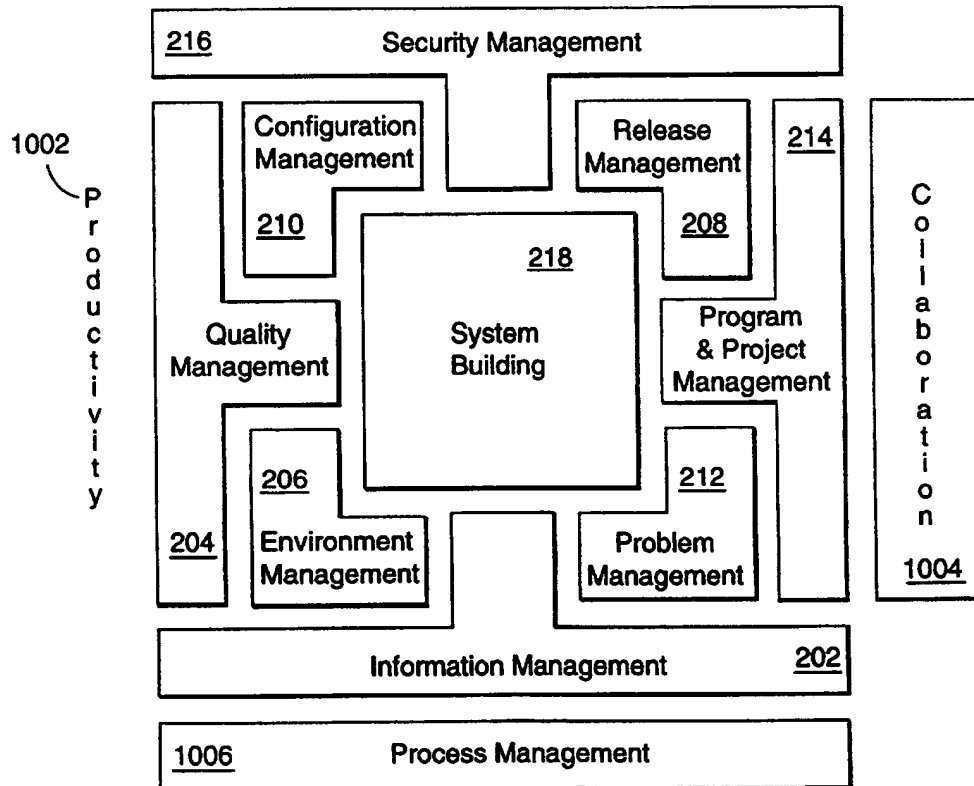


Fig. 61

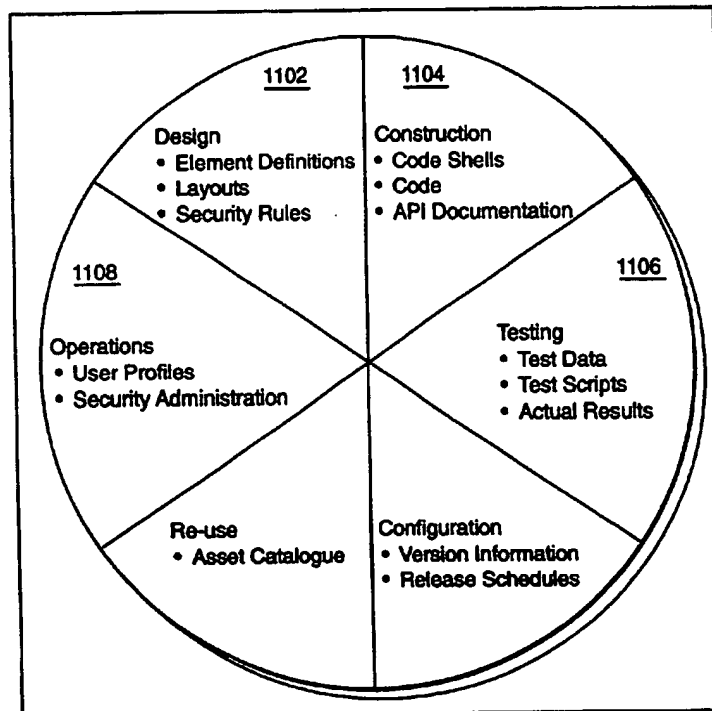


Fig. 62

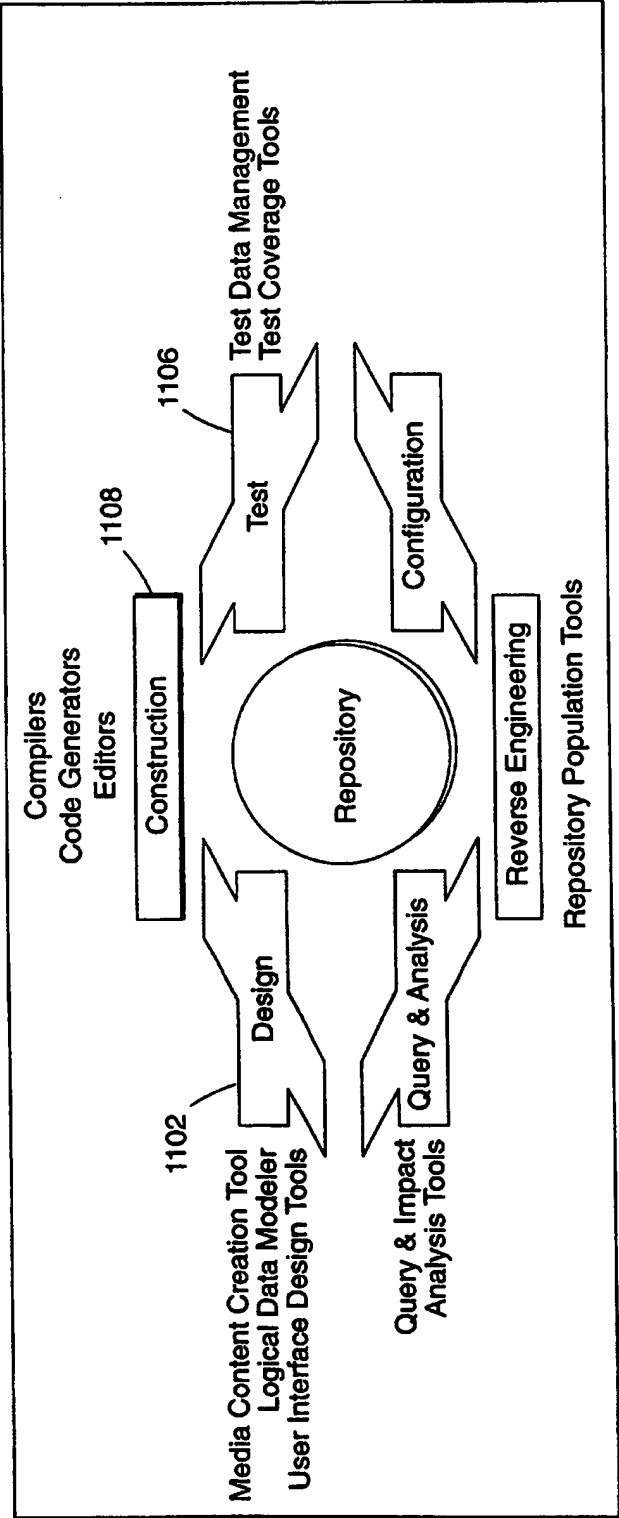


Fig. 63

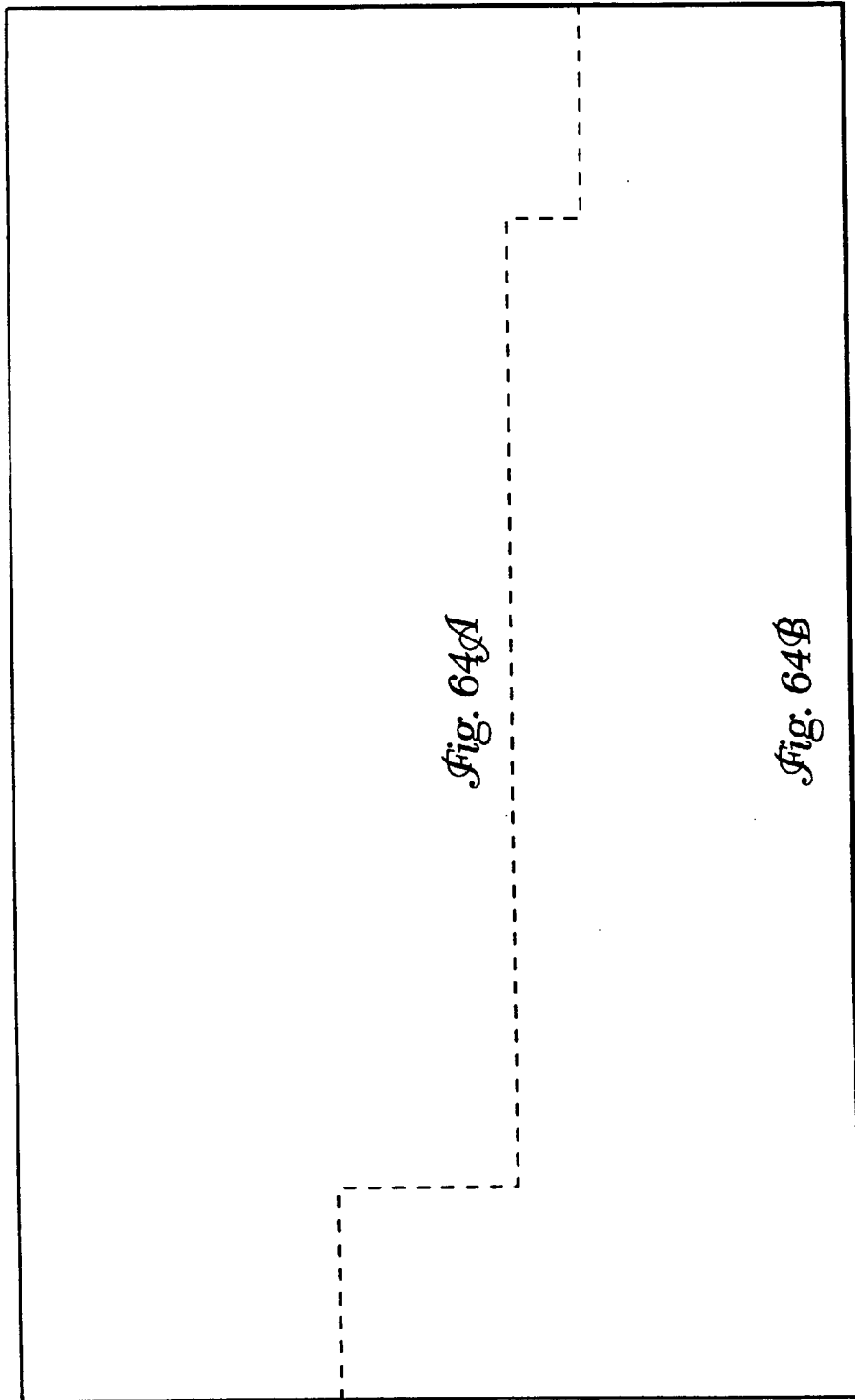
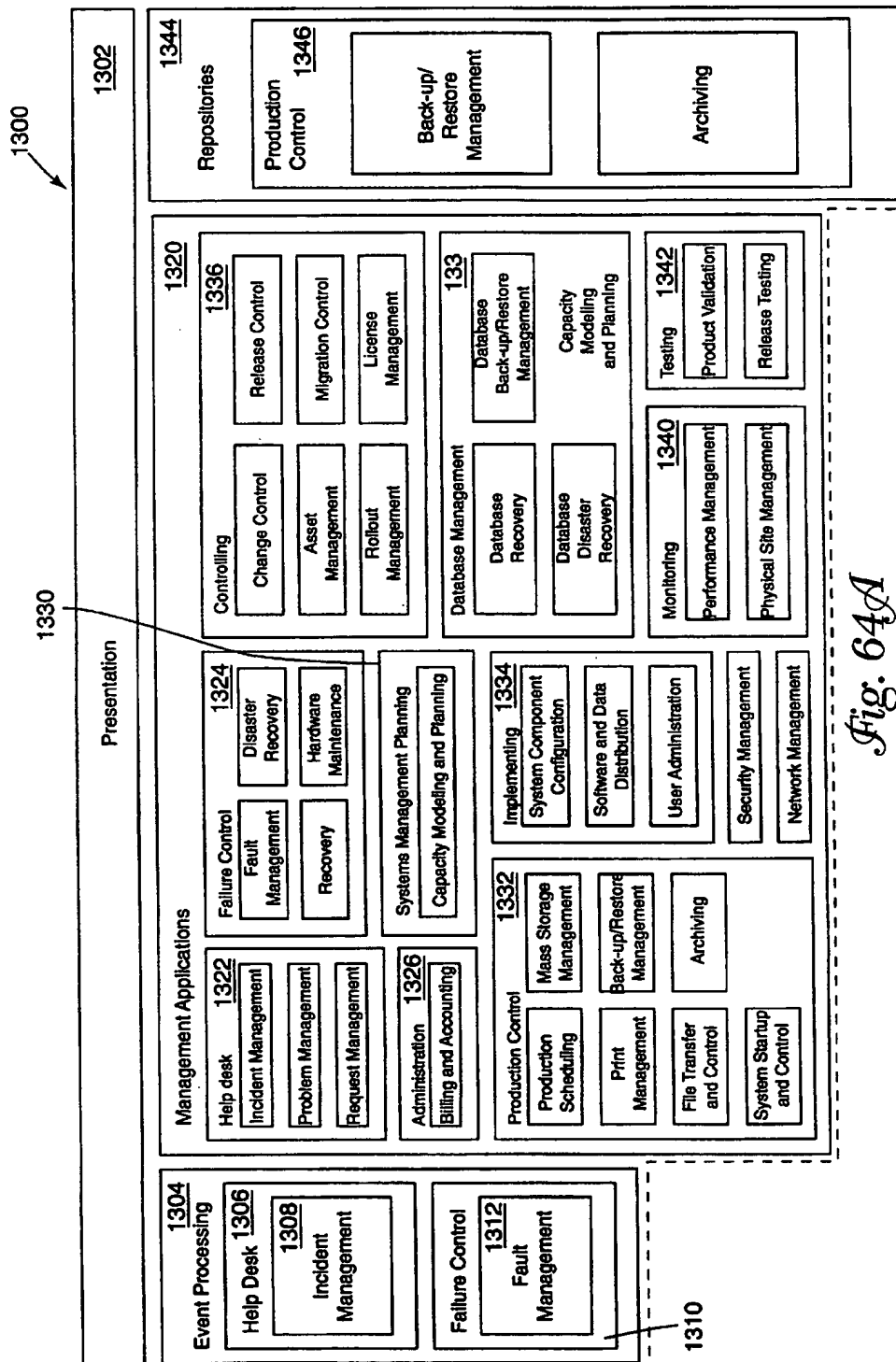


Fig. 64



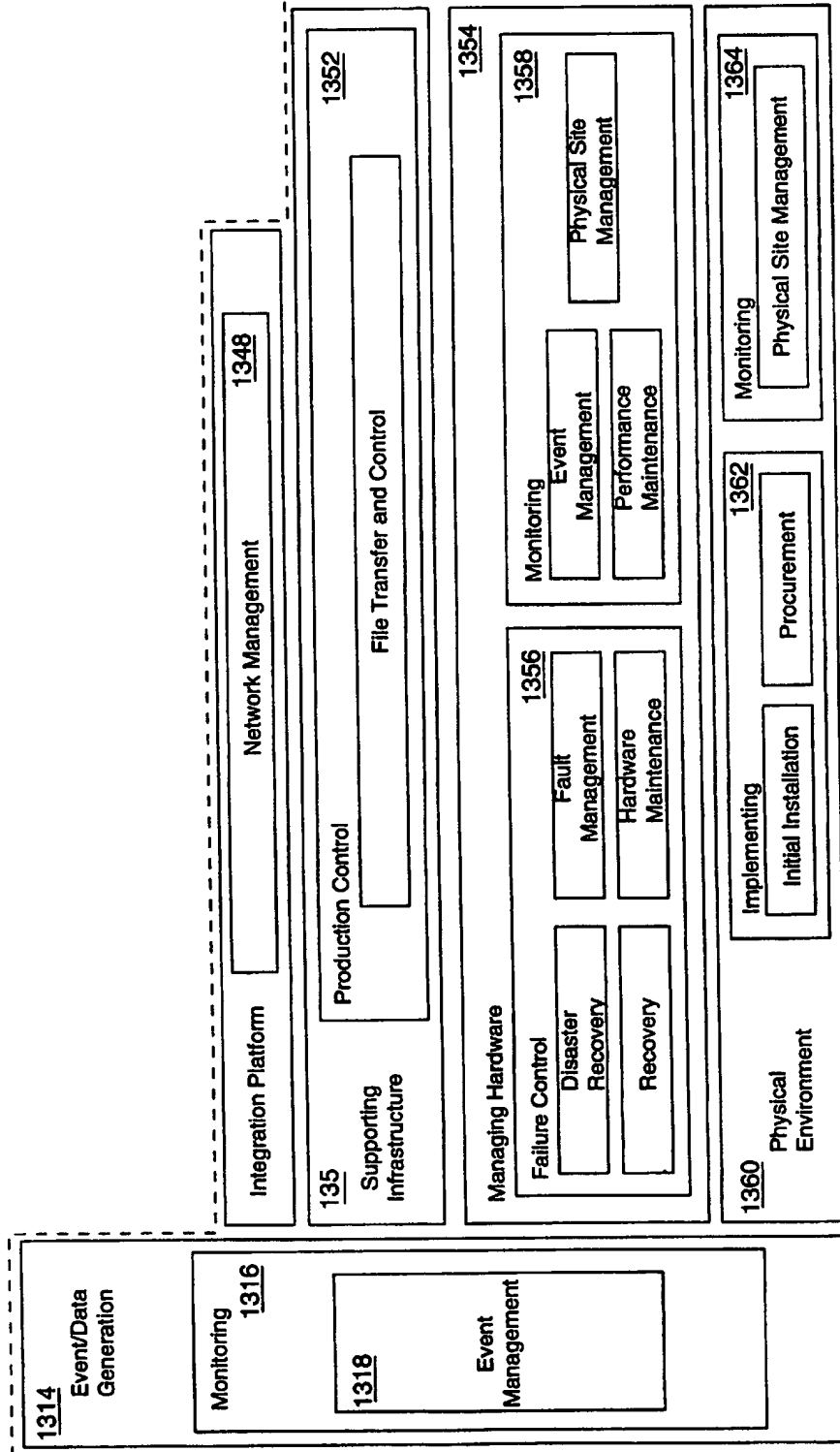


Fig. 64B

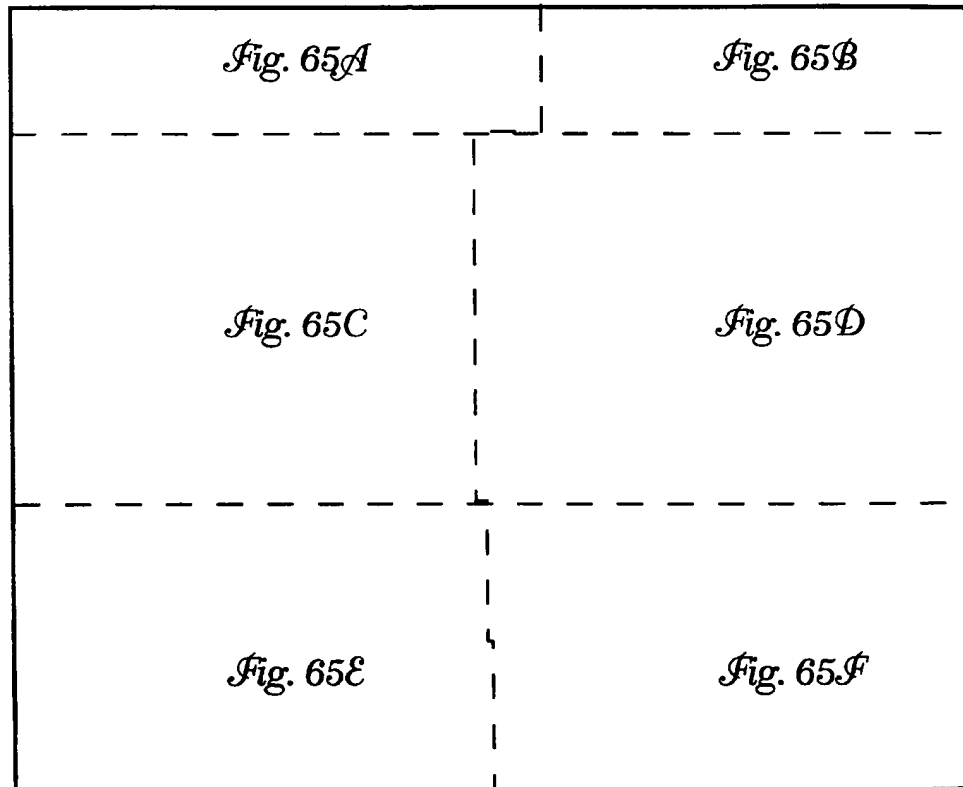


Fig. 65

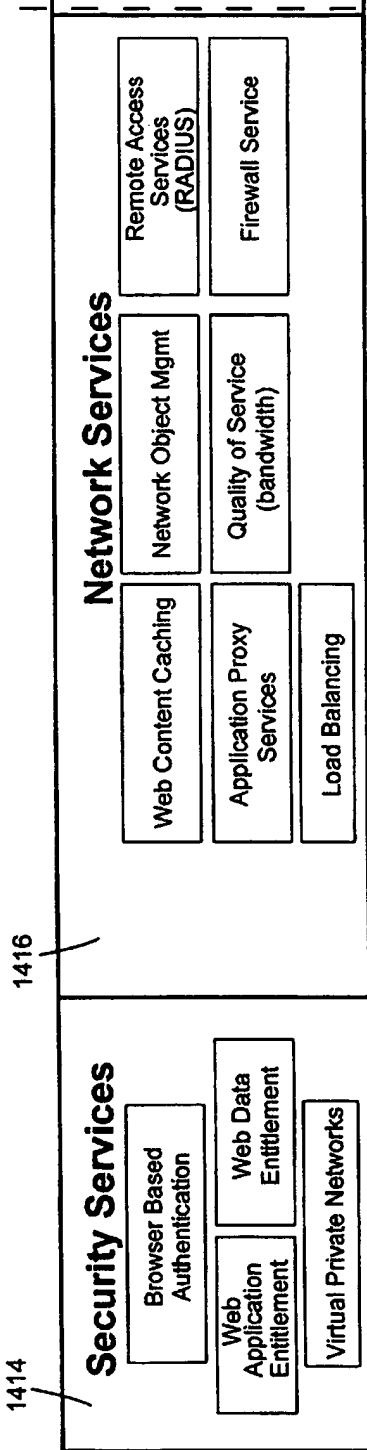


Fig. 65A

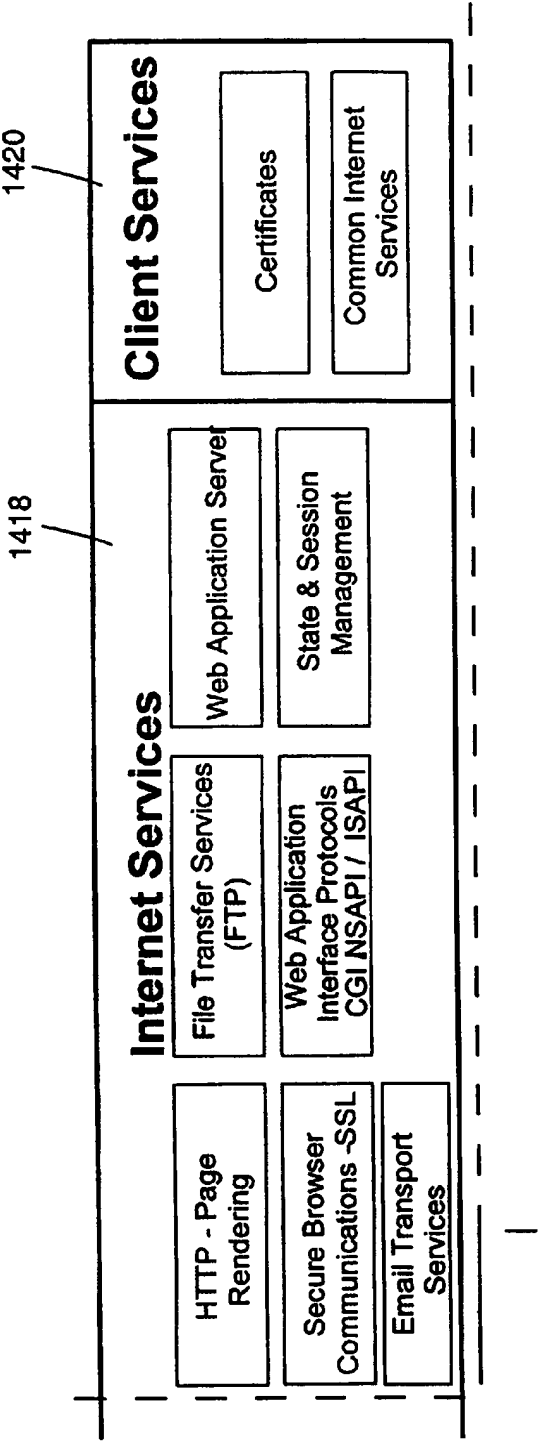


Fig. 65B

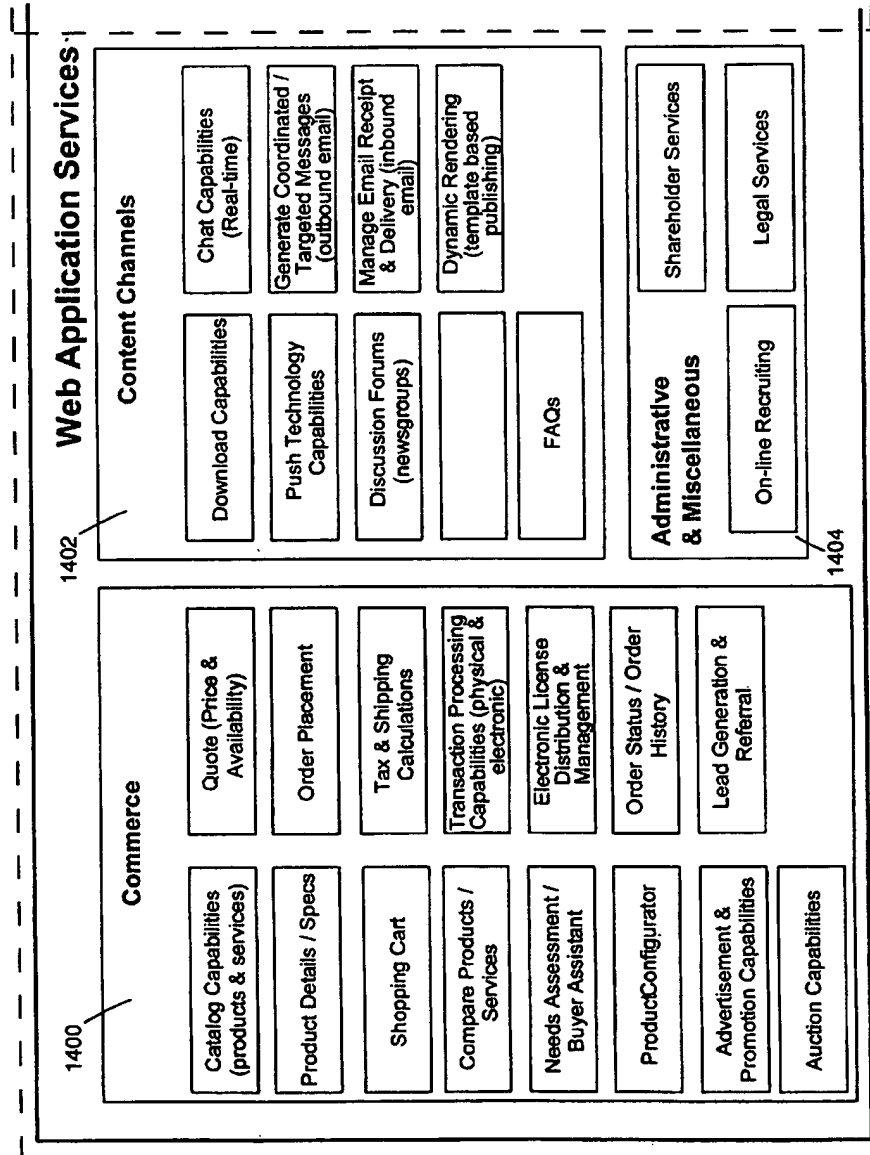


Fig. 65C

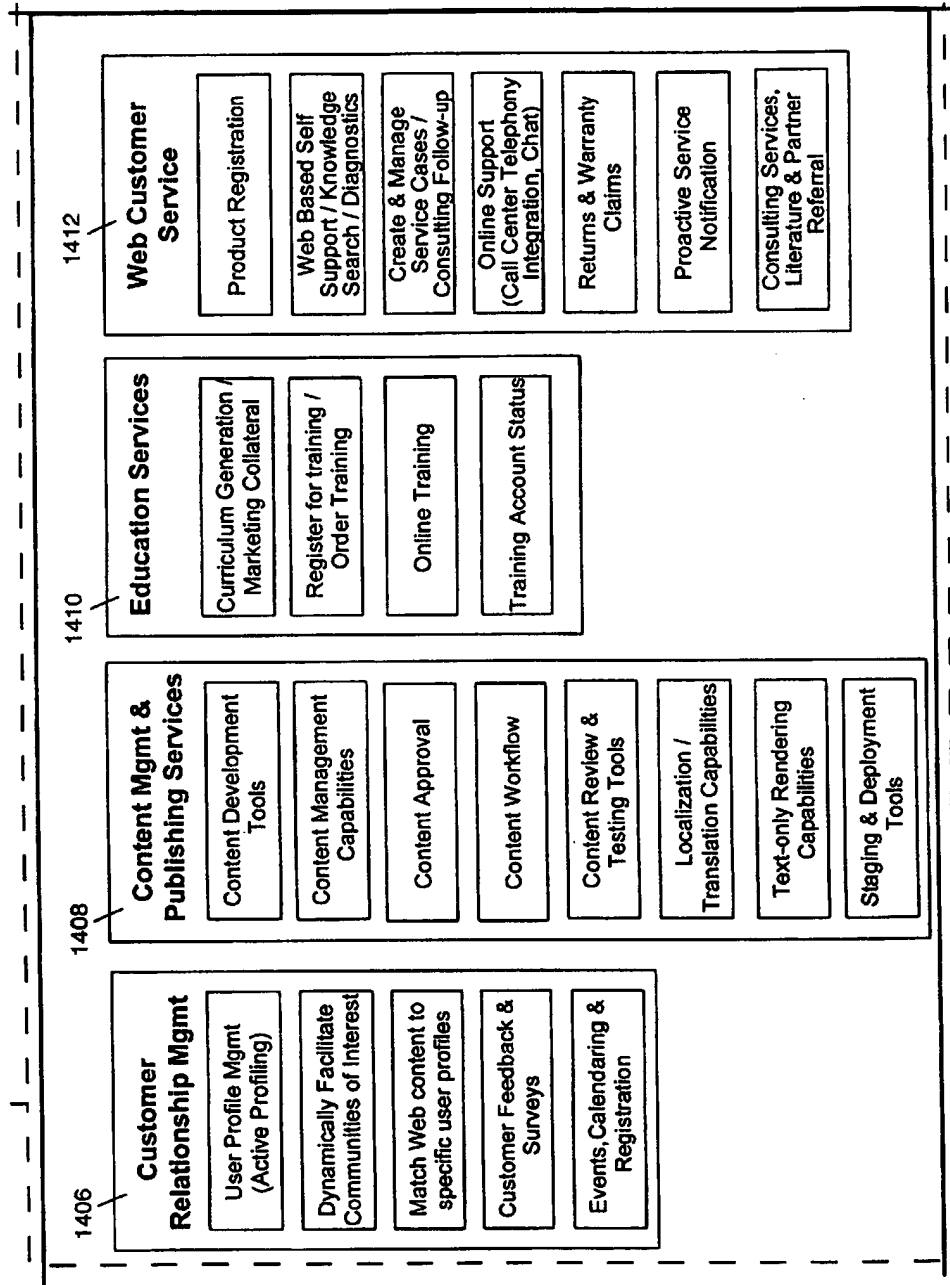
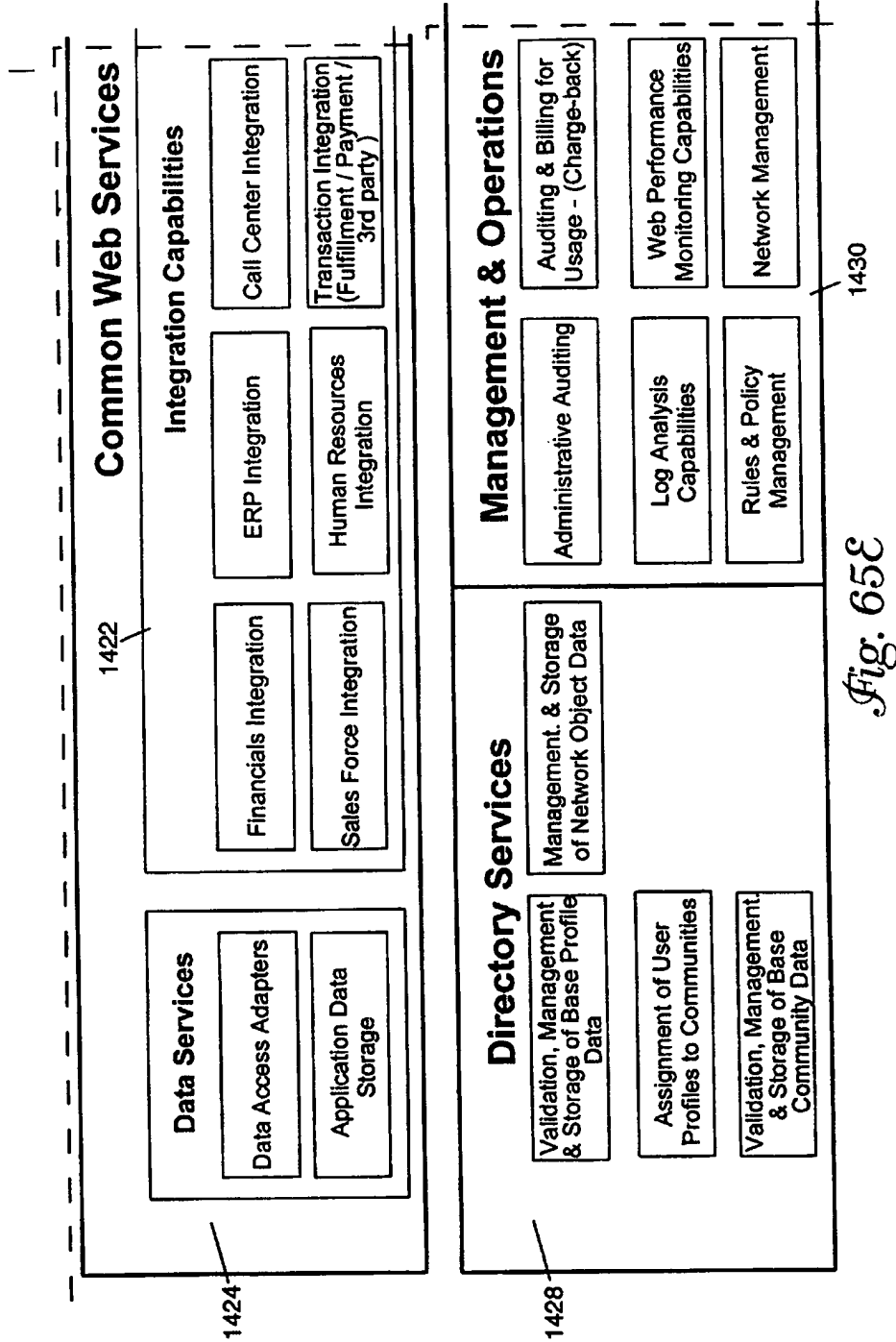


Fig. 65D



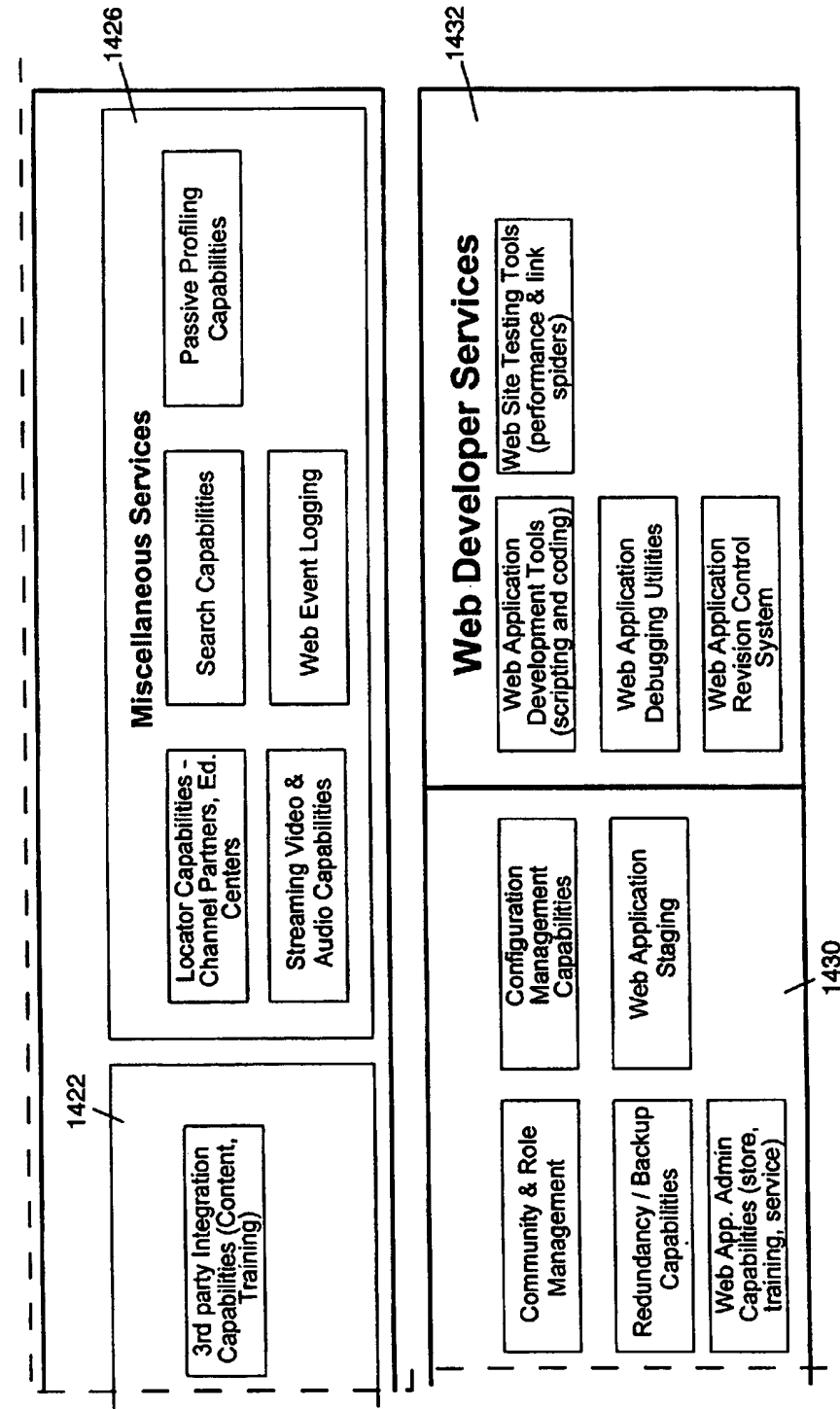
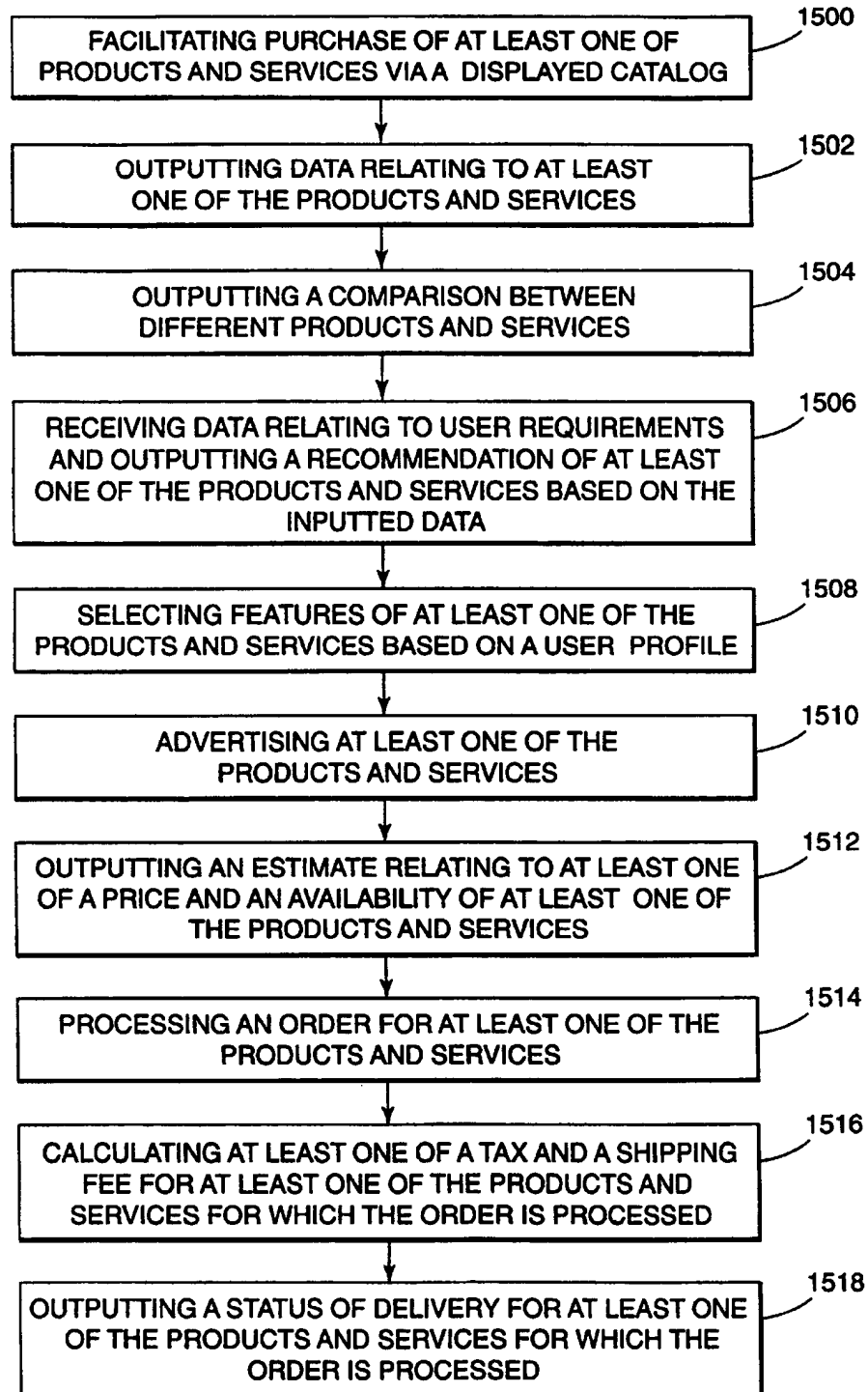


Fig. 65F



1400

Fig. 66

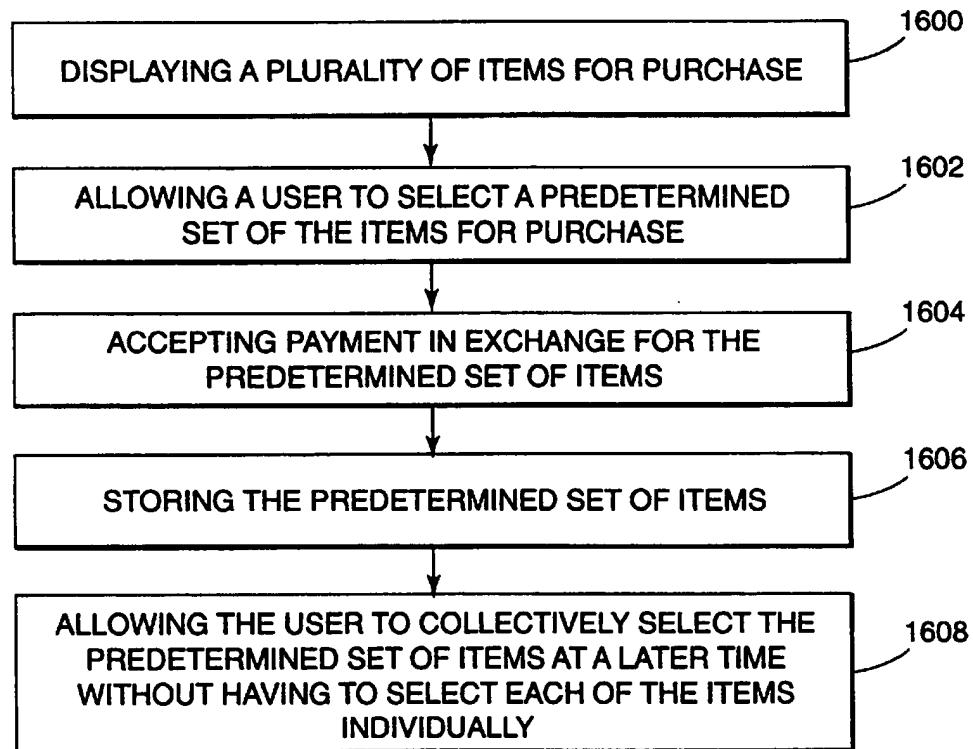


Fig. 67

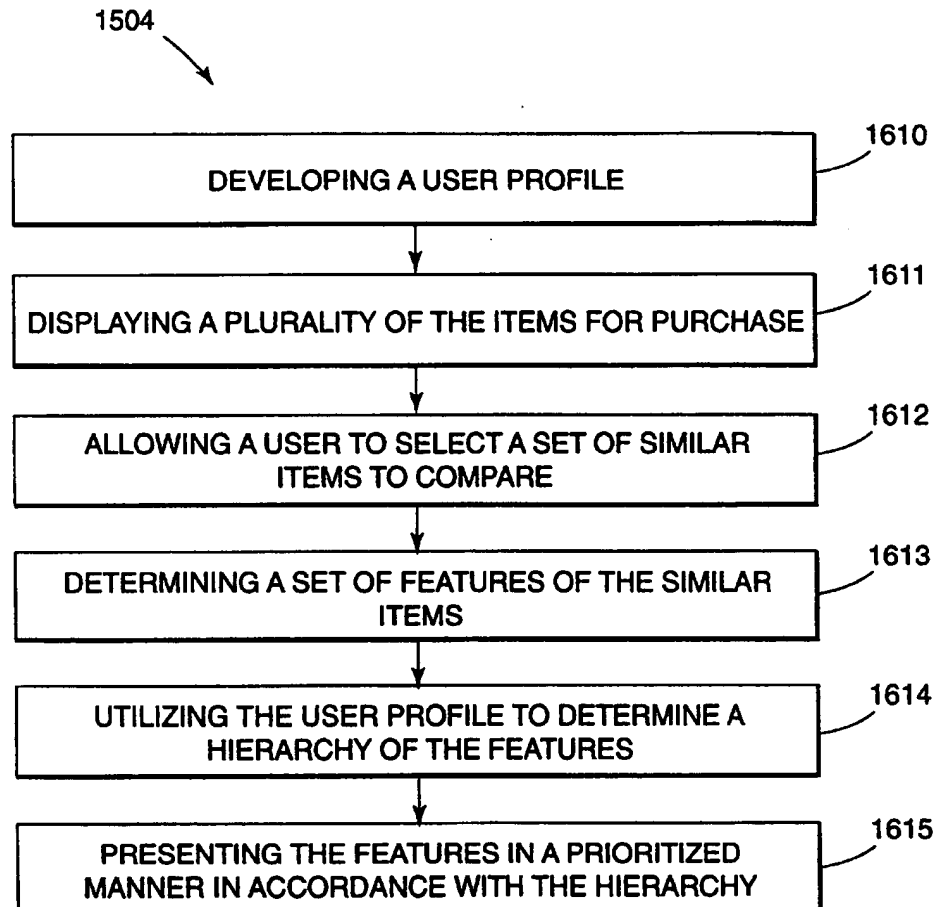


Fig. 68

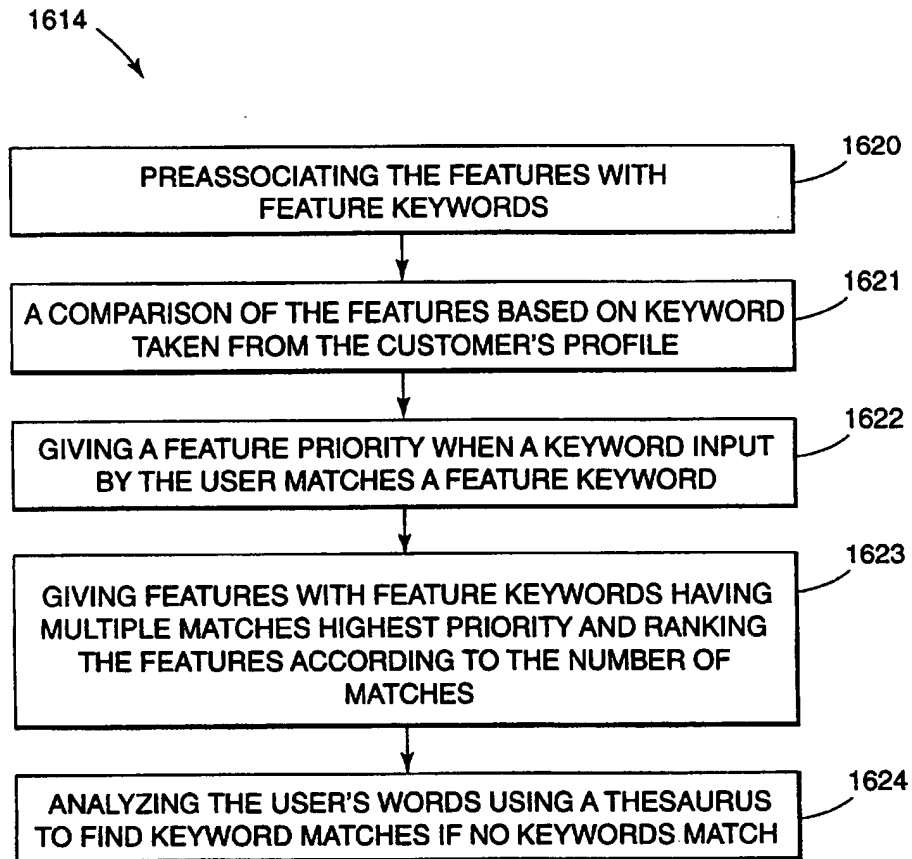


Fig. 69

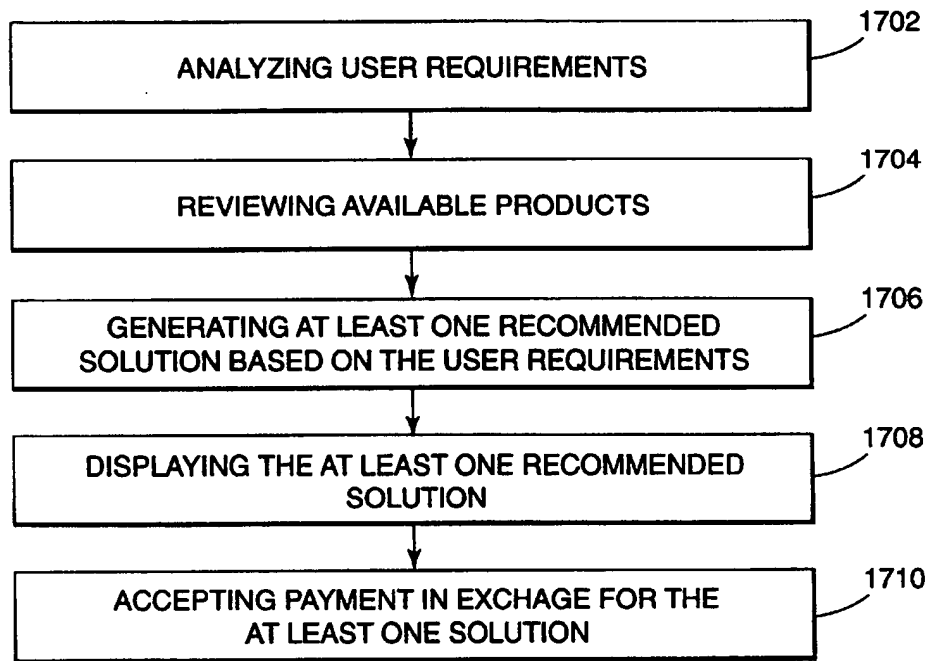


Fig. 70

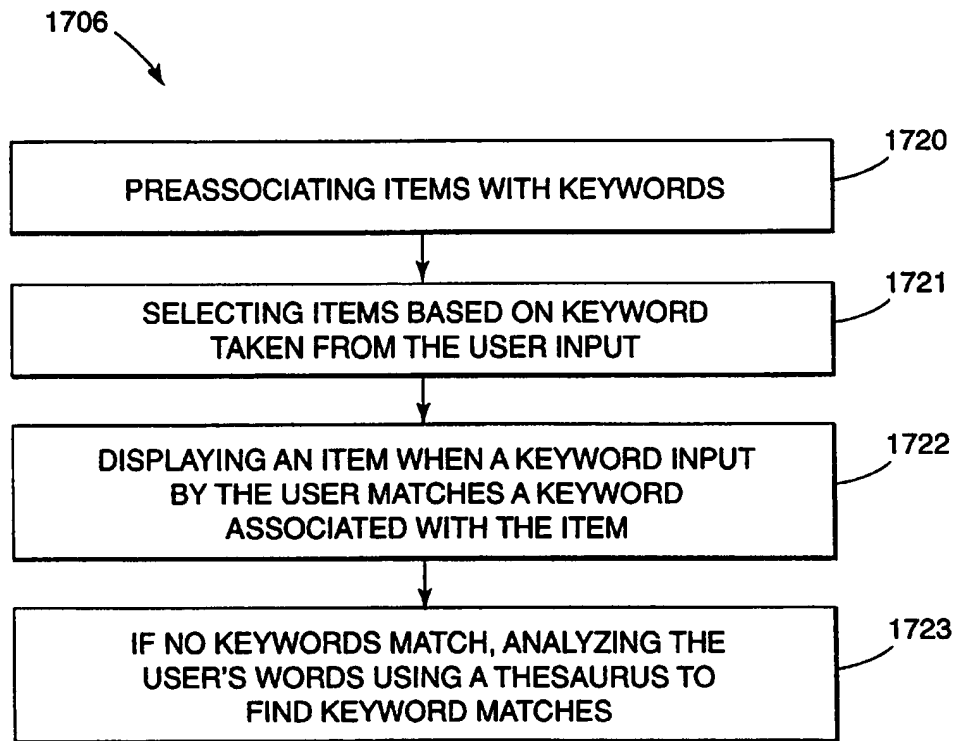


Fig. 71

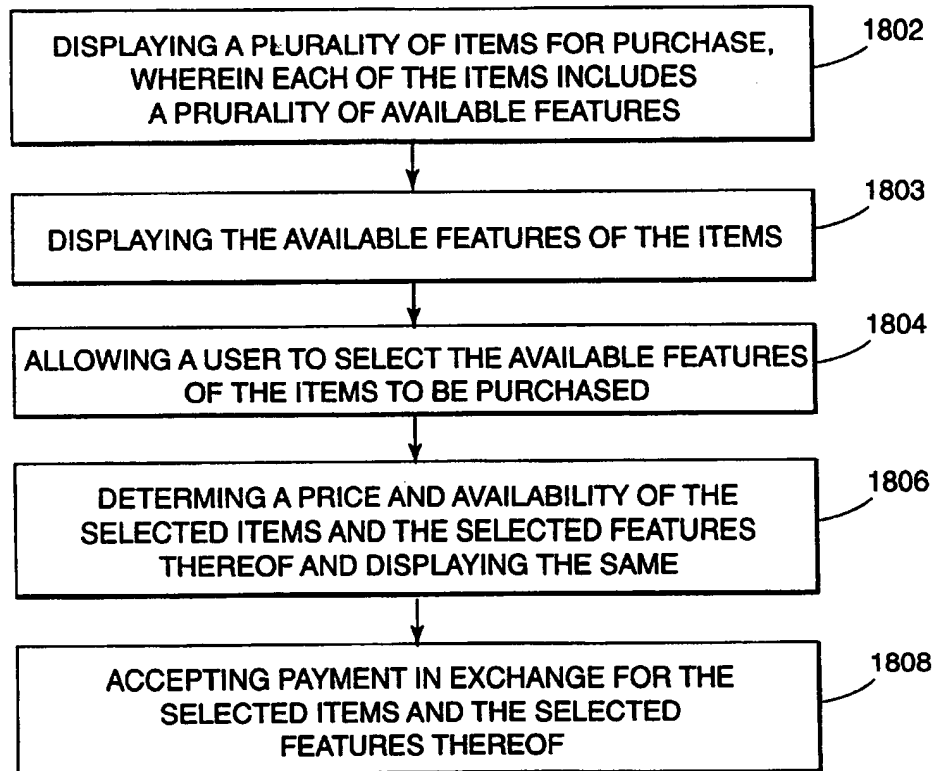


Fig. 72

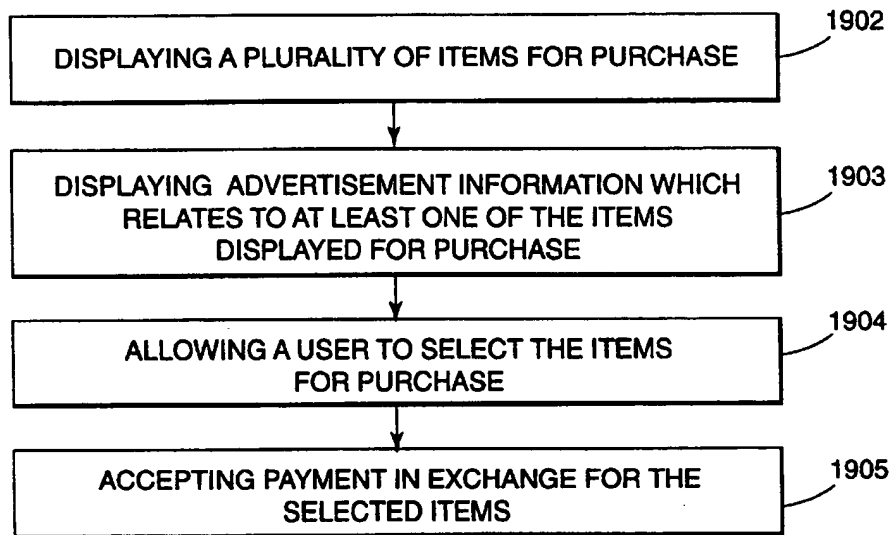


Fig. 73

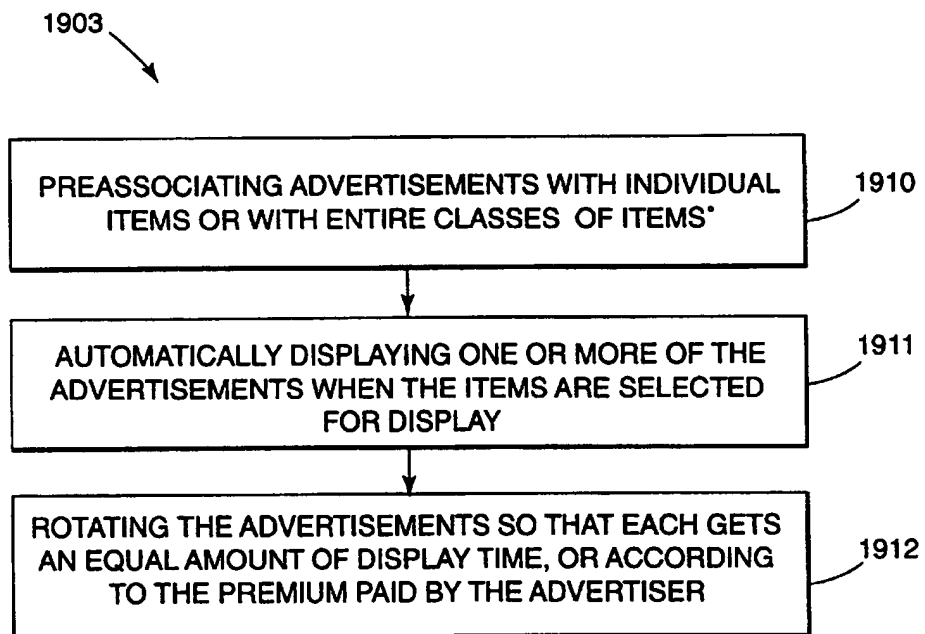


Fig. 74

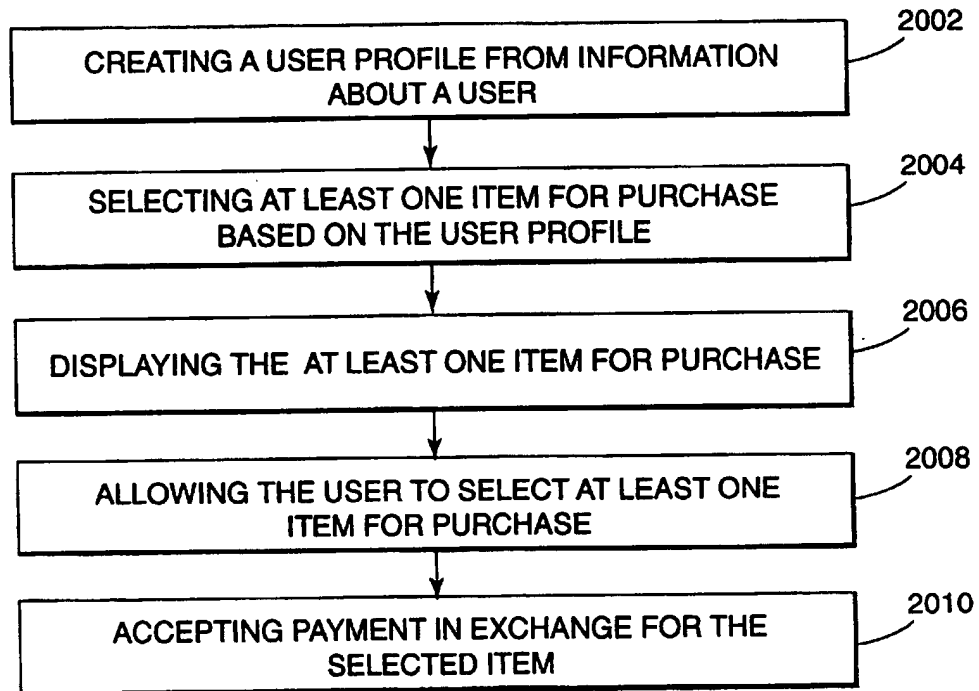


Fig. 75

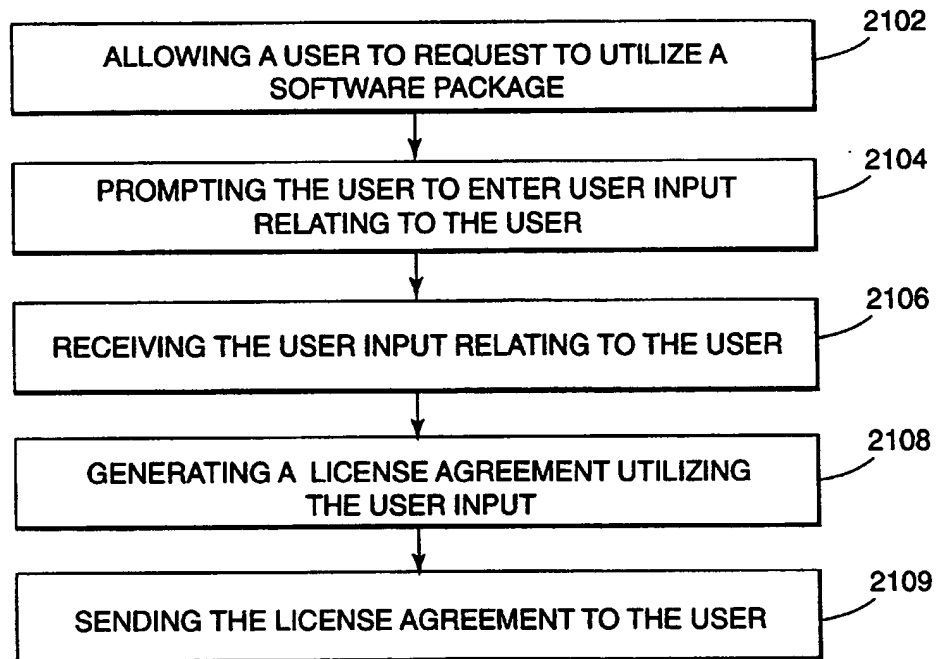


Fig. 76

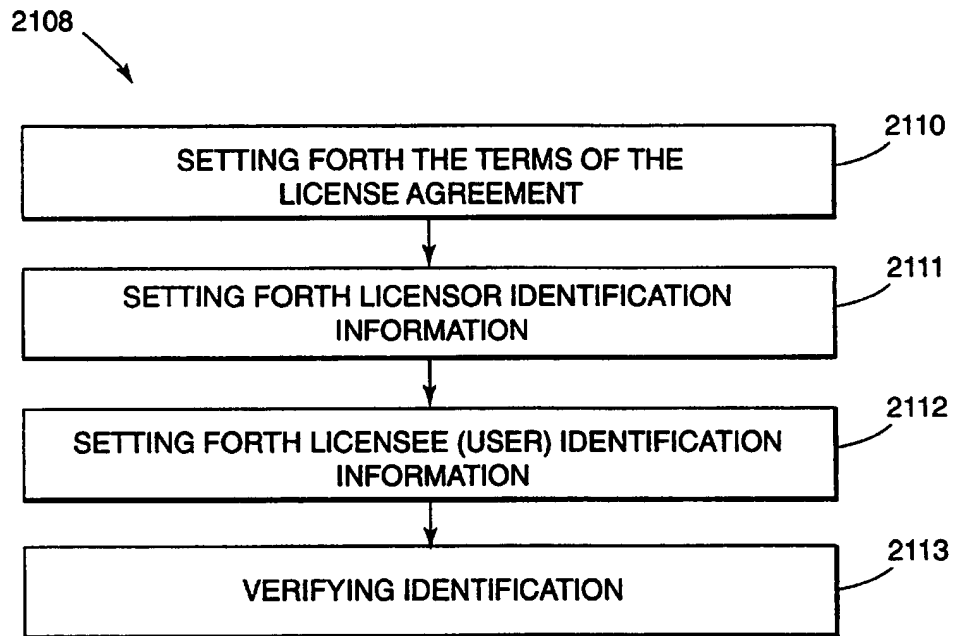


Fig. 77

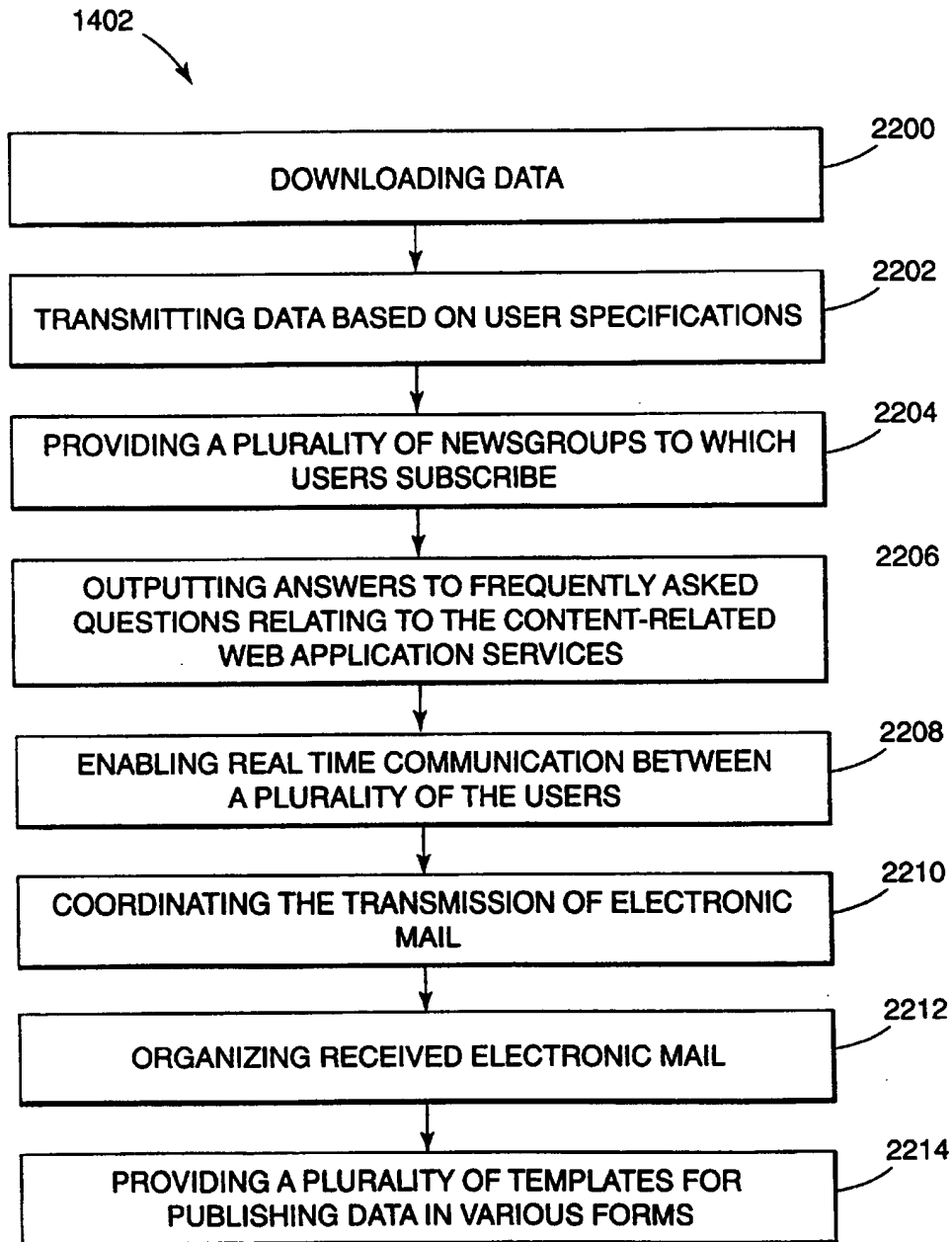


Fig. 78

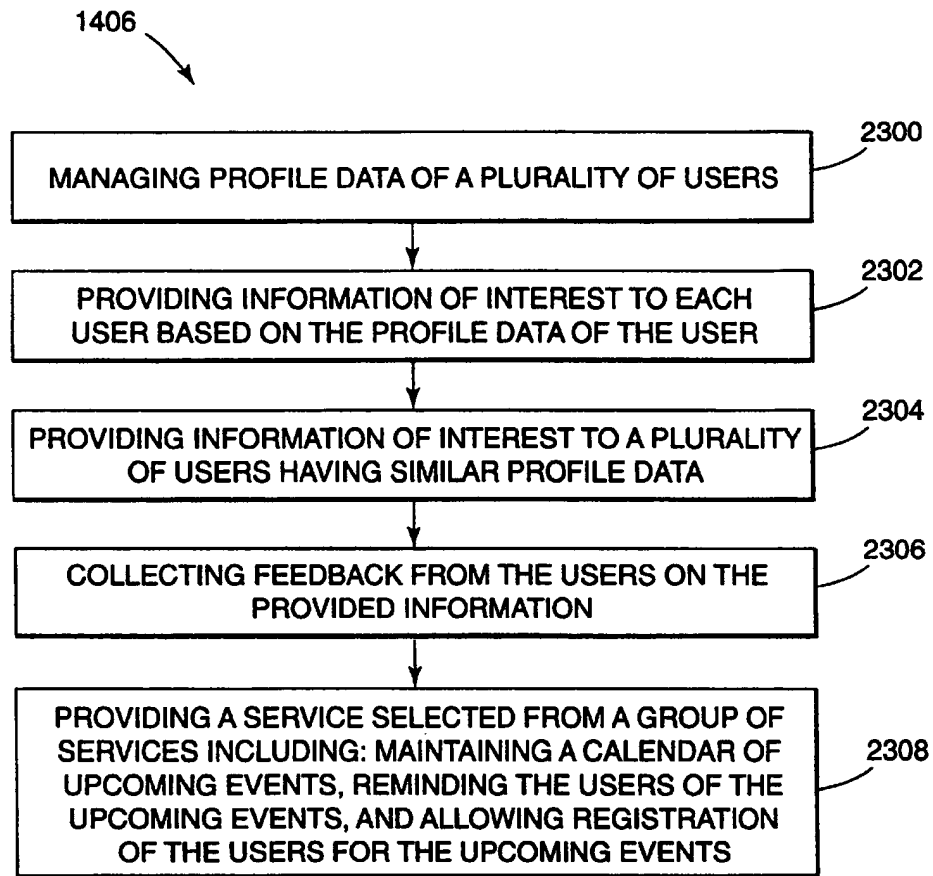


Fig. 79

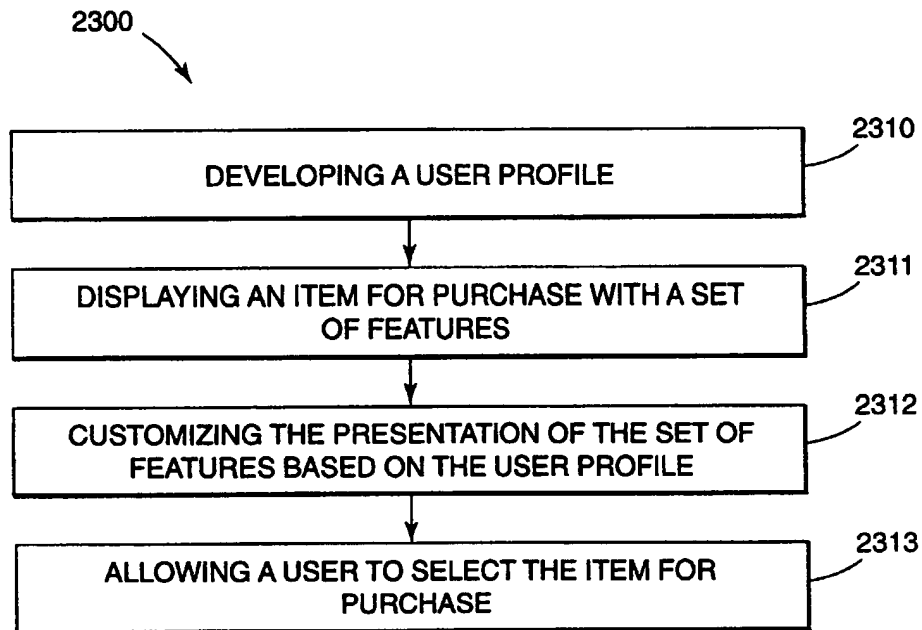


Fig. 80

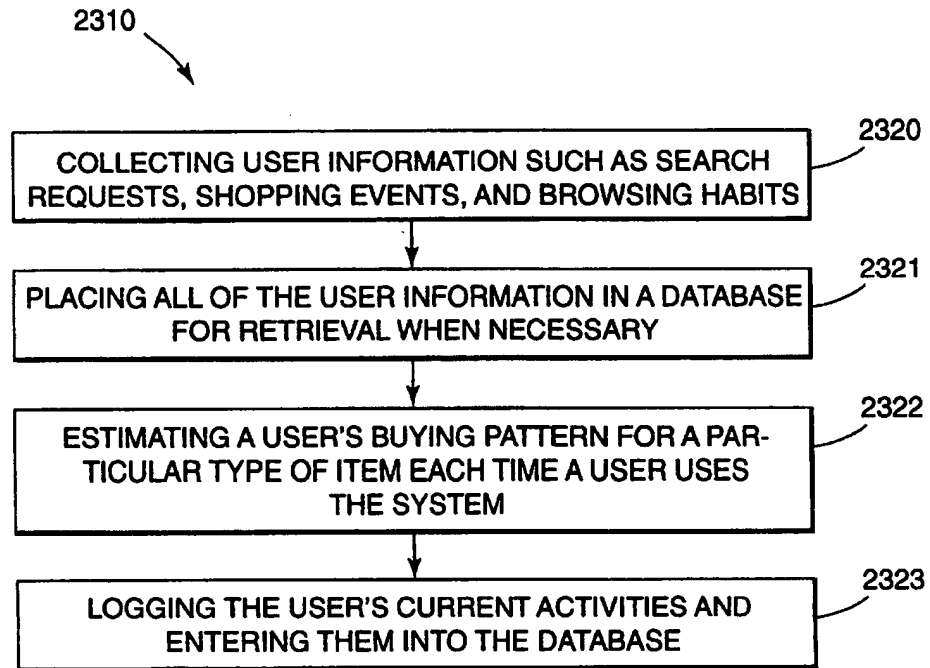


Fig. 81

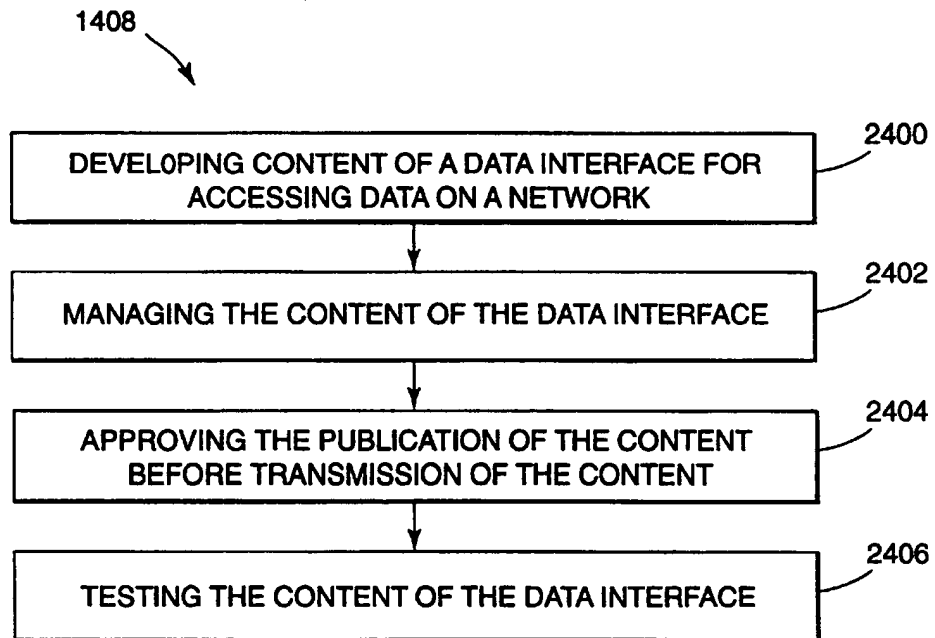


Fig. 82

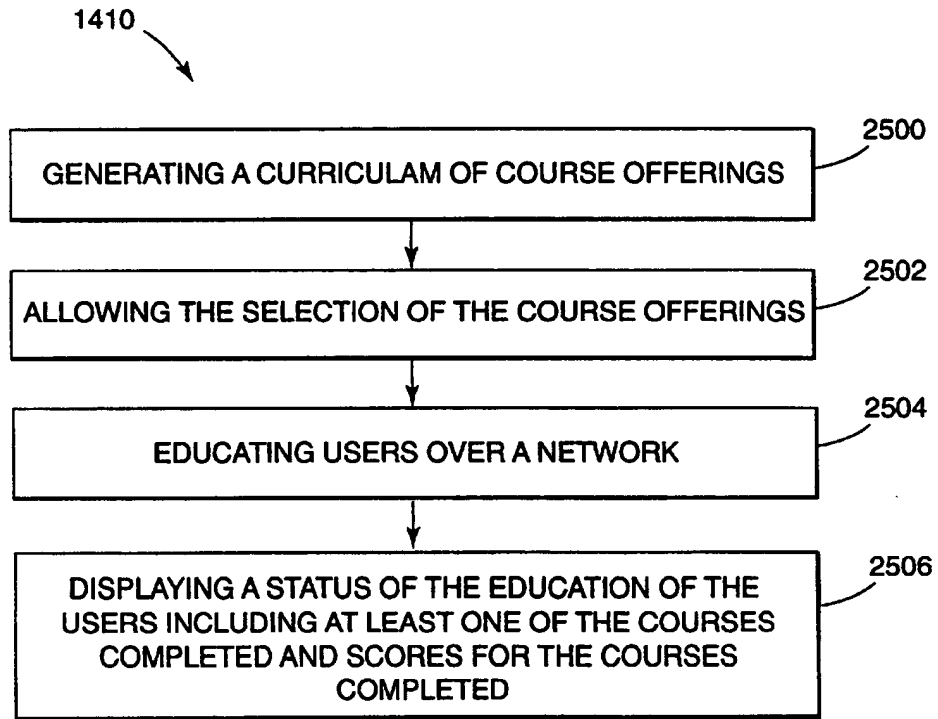


Fig. 83

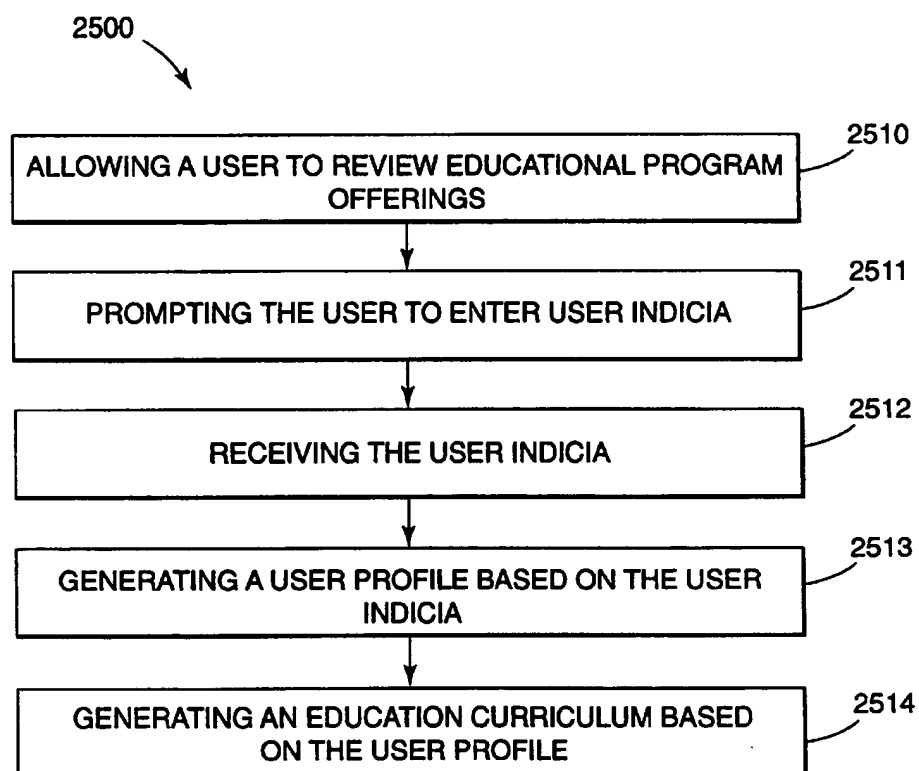


Fig. 84

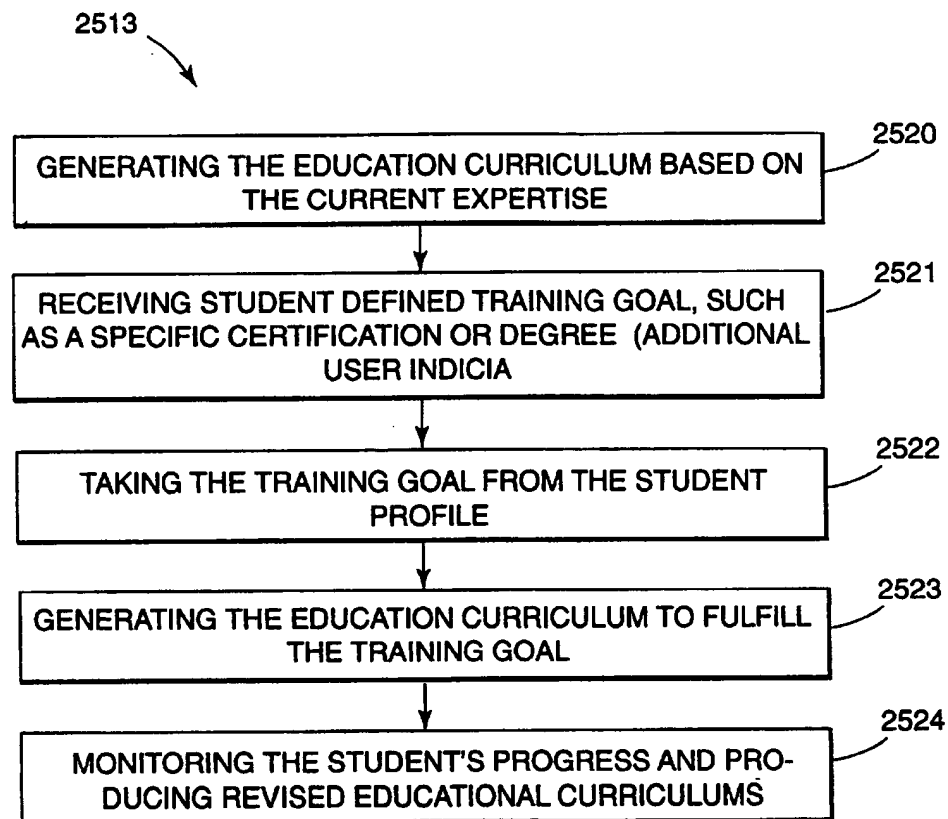


Fig. 85

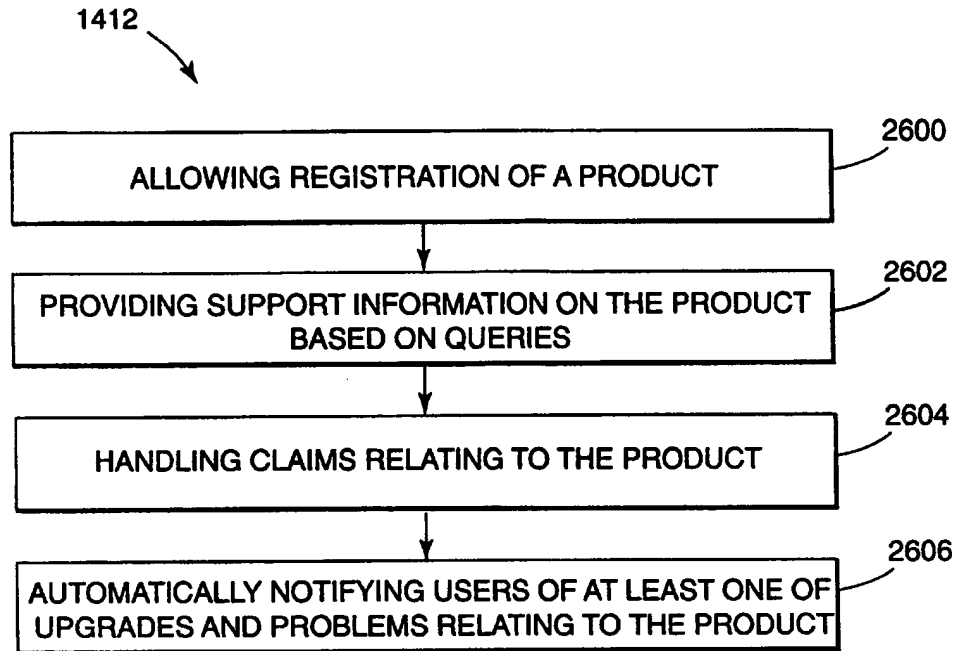


Fig. 86

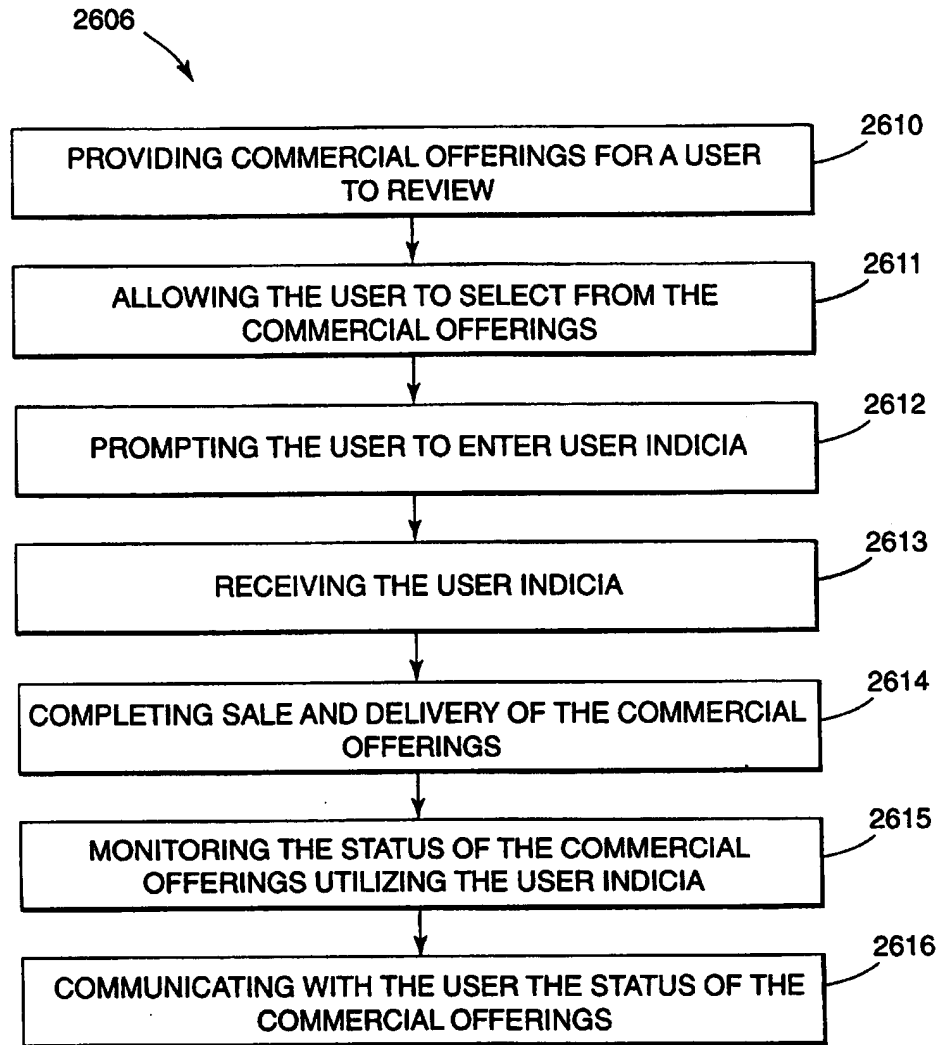


Fig. 87

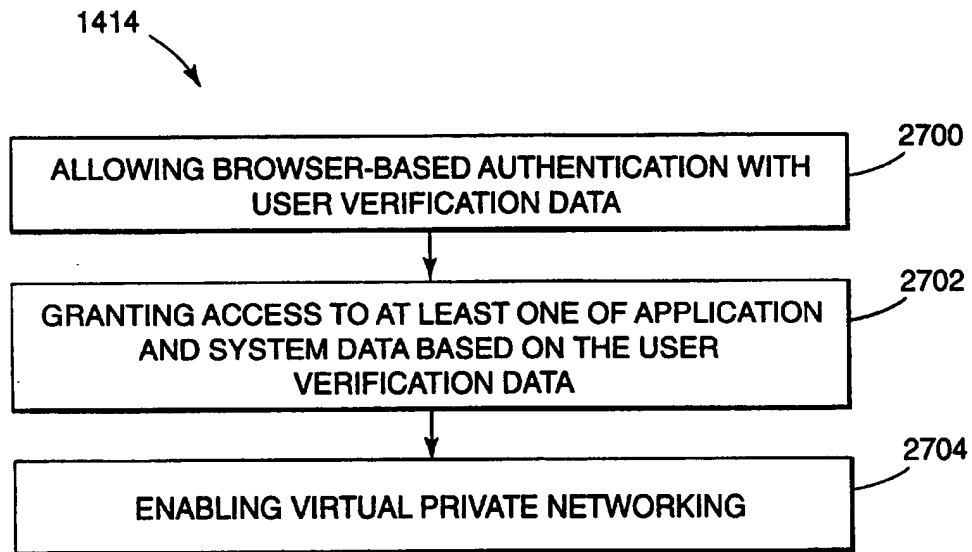


Fig. 88

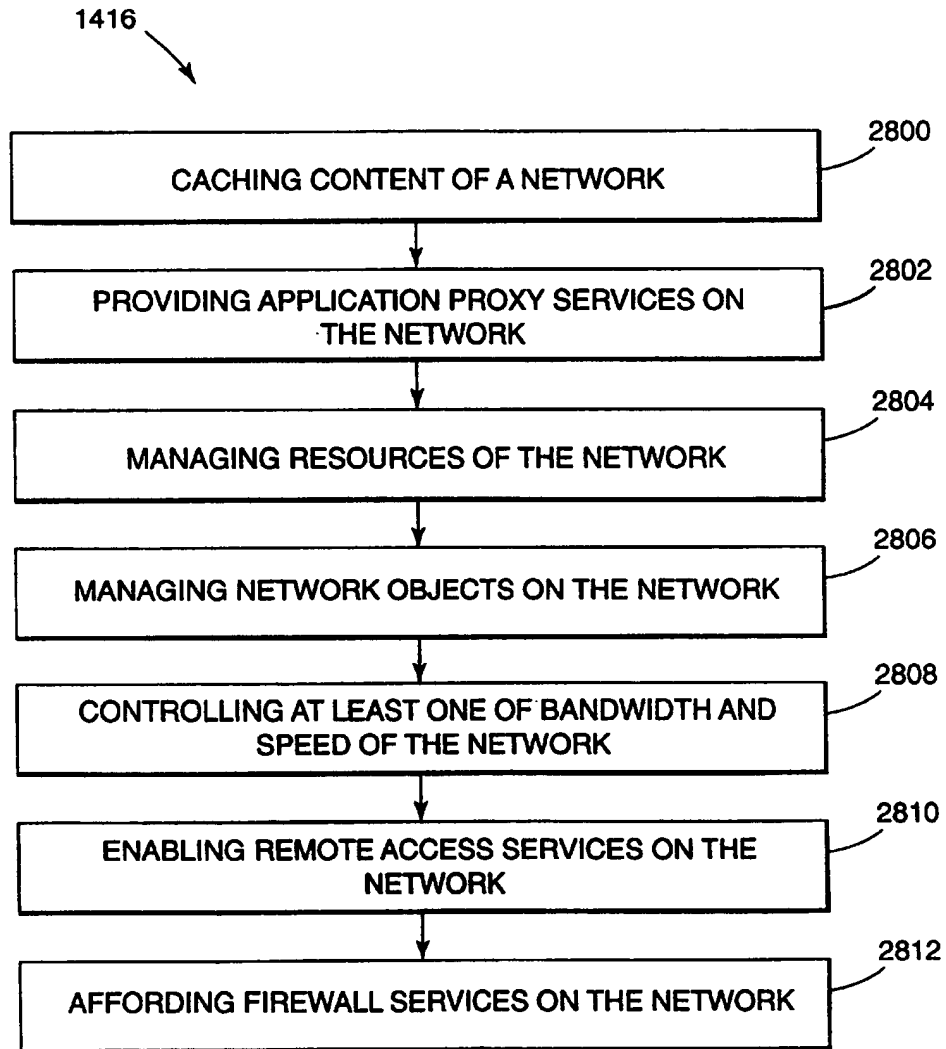


Fig. 89

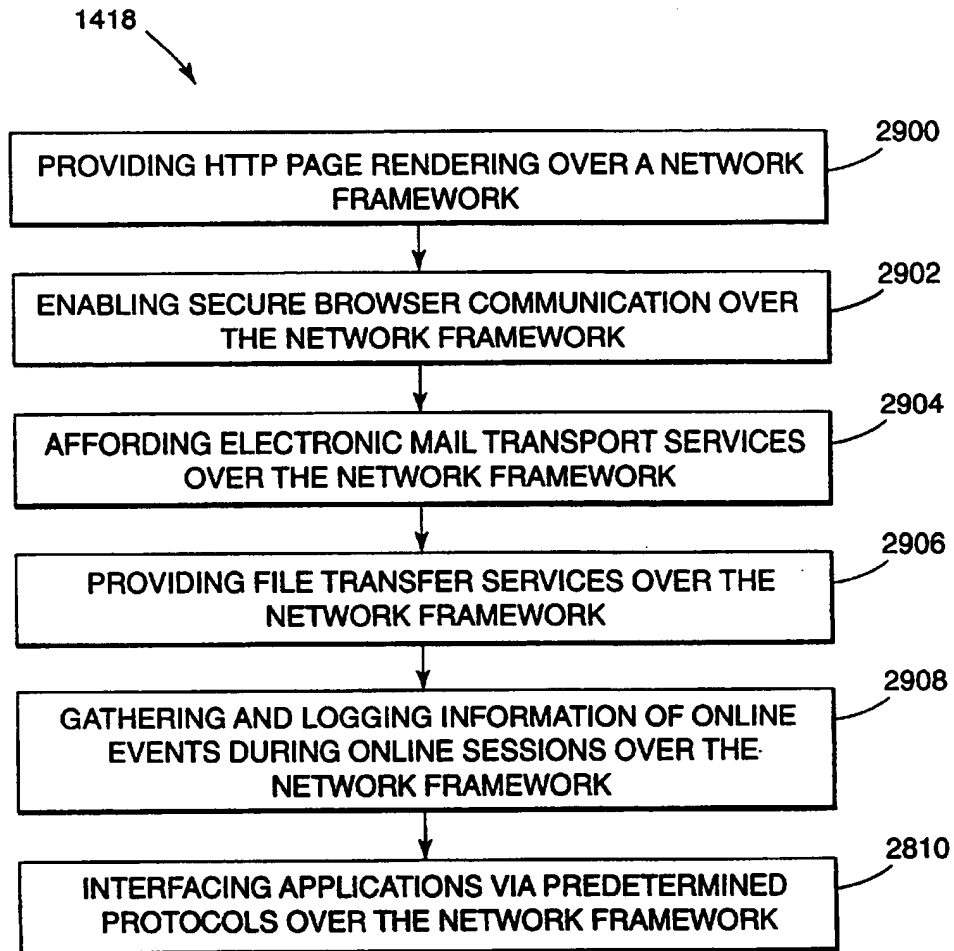


Fig. 90

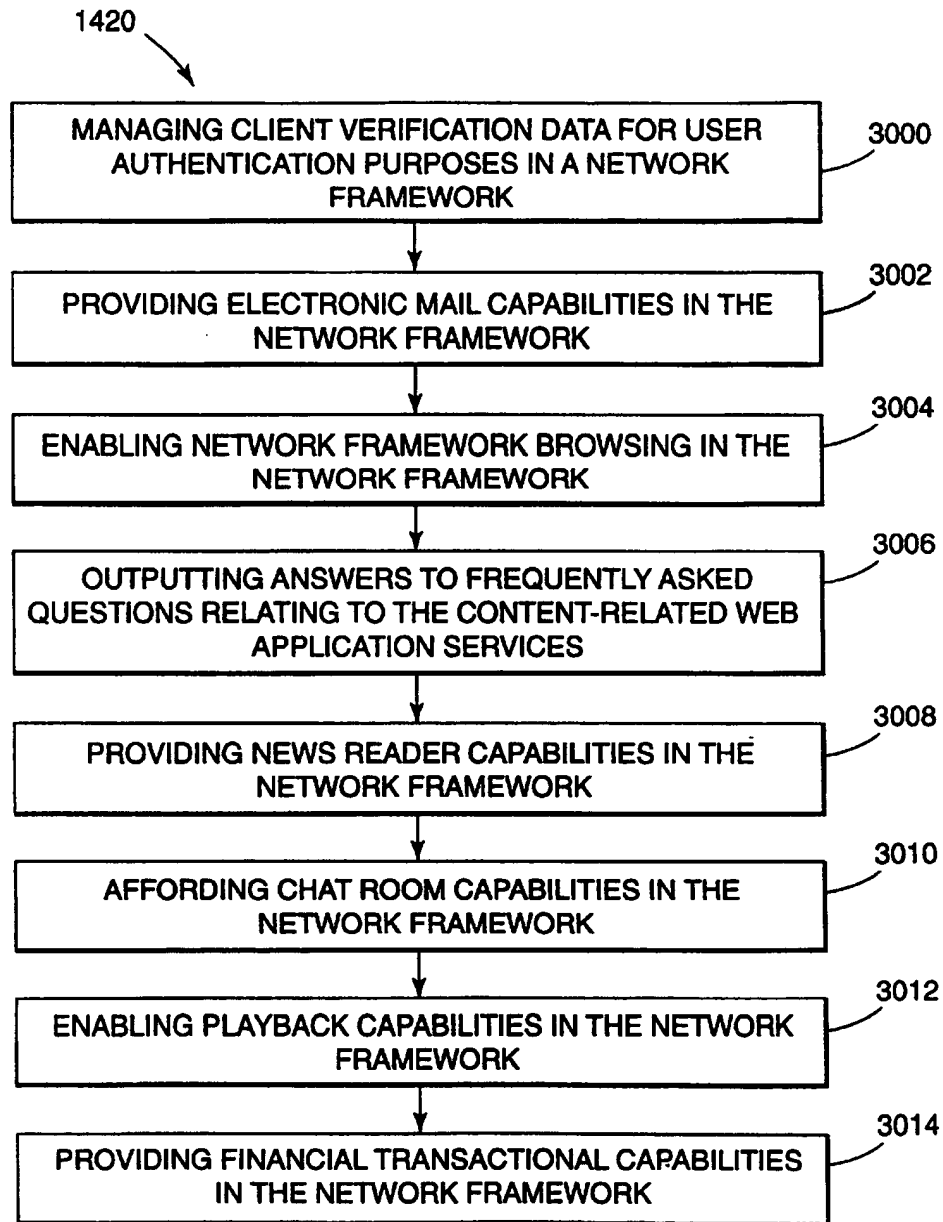


Fig. 91

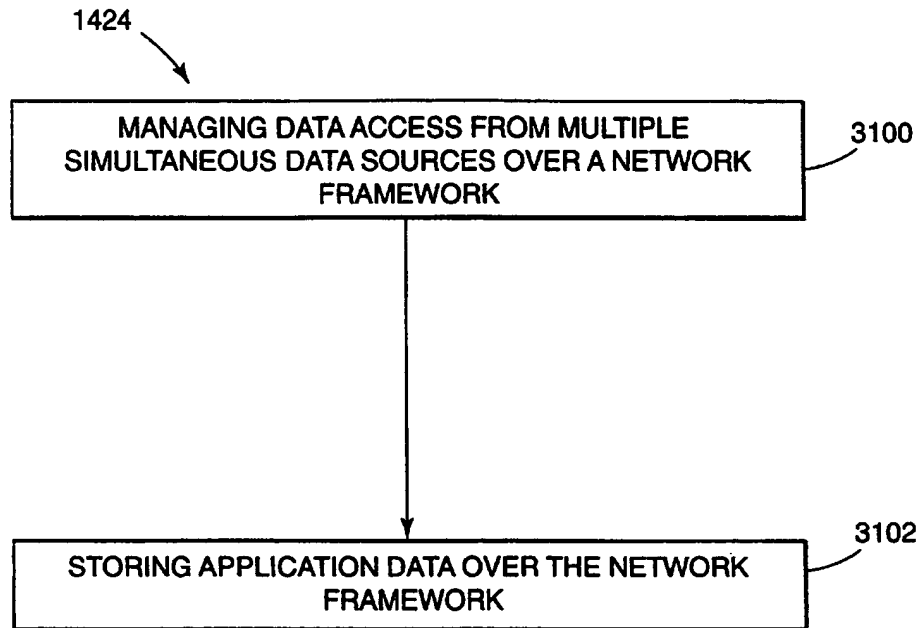


Fig. 92

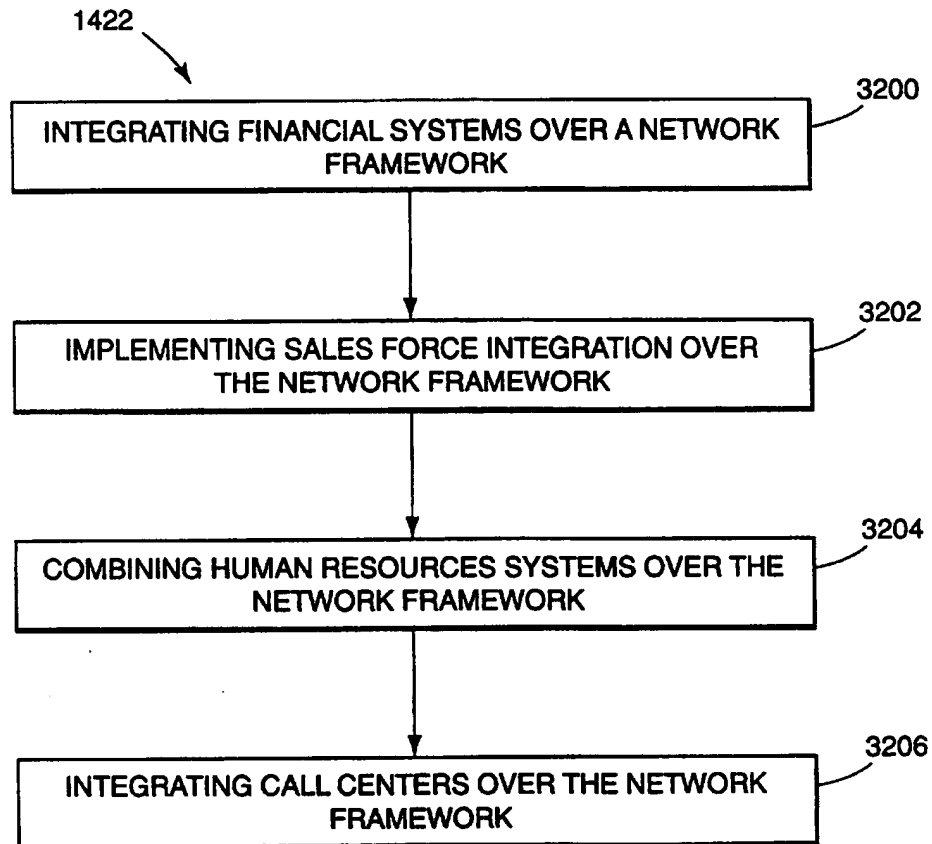


Fig. 93

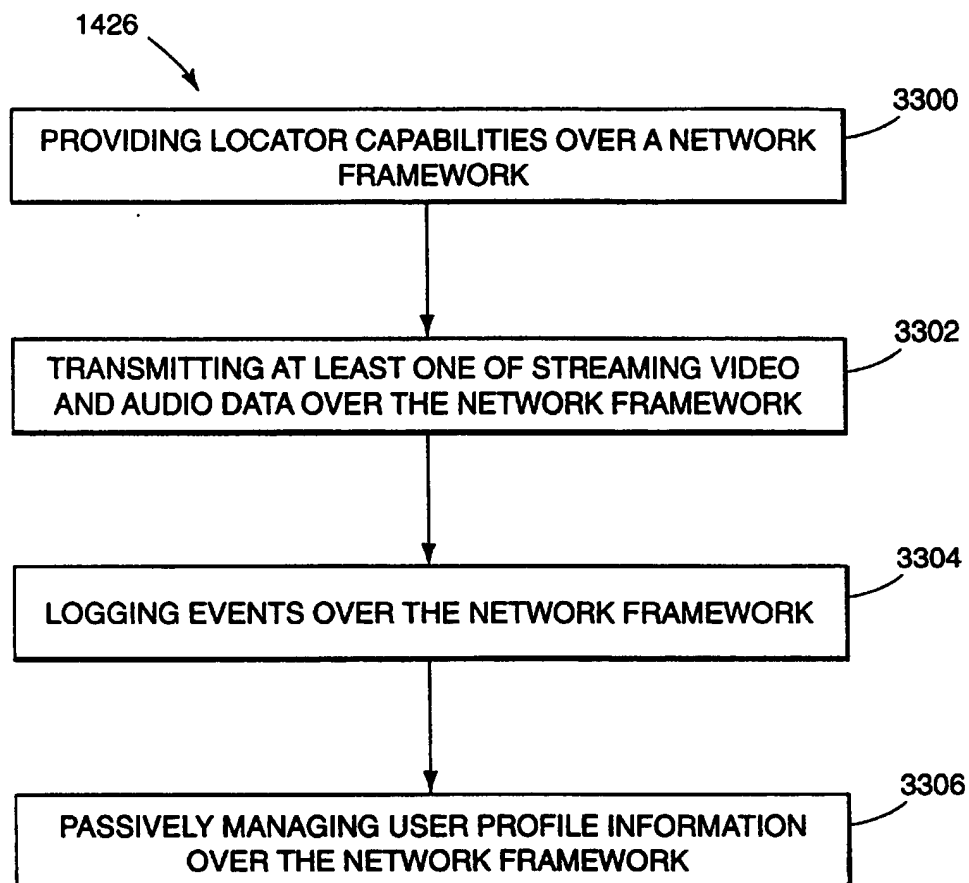


Fig. 94

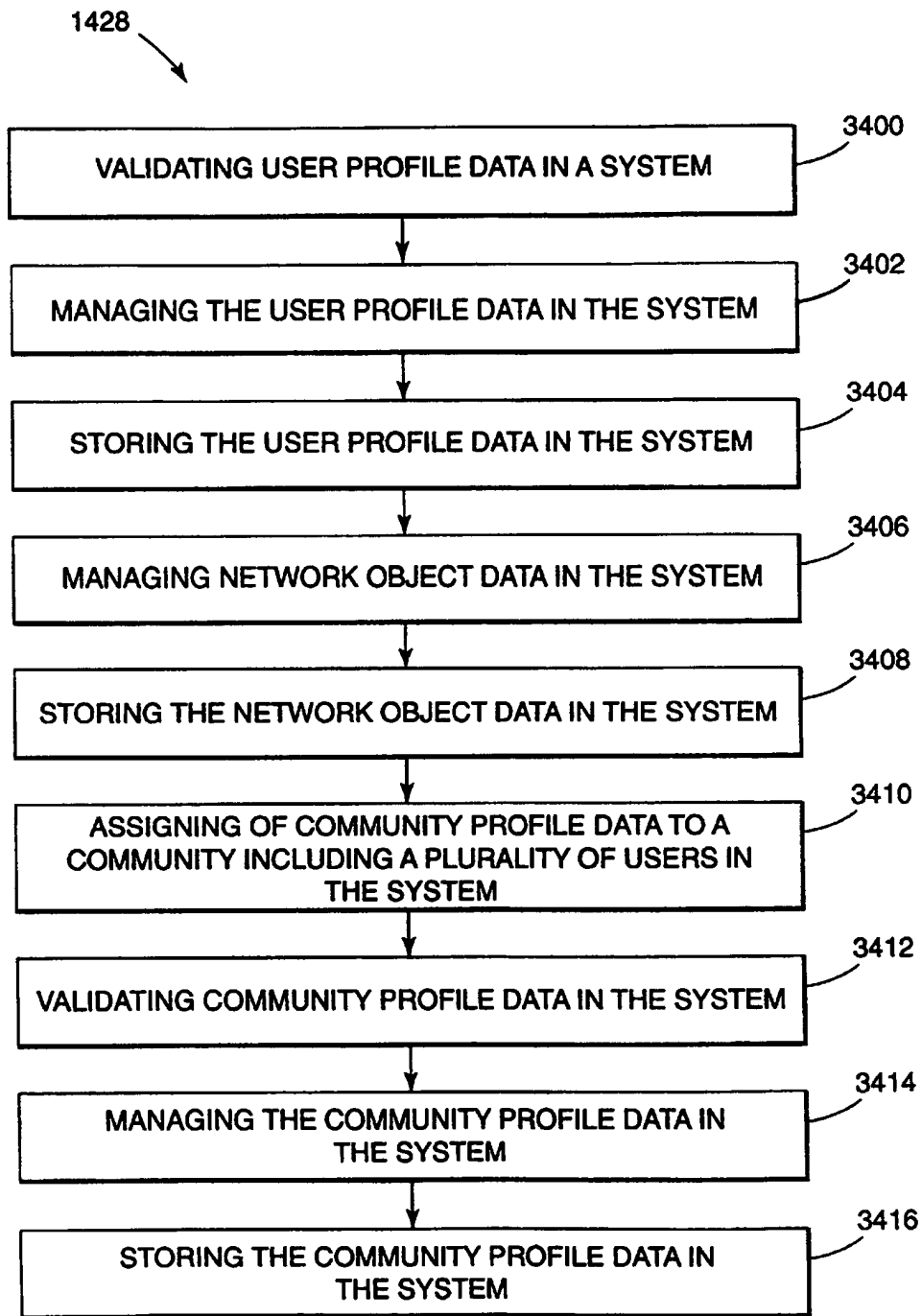


Fig. 95

1430

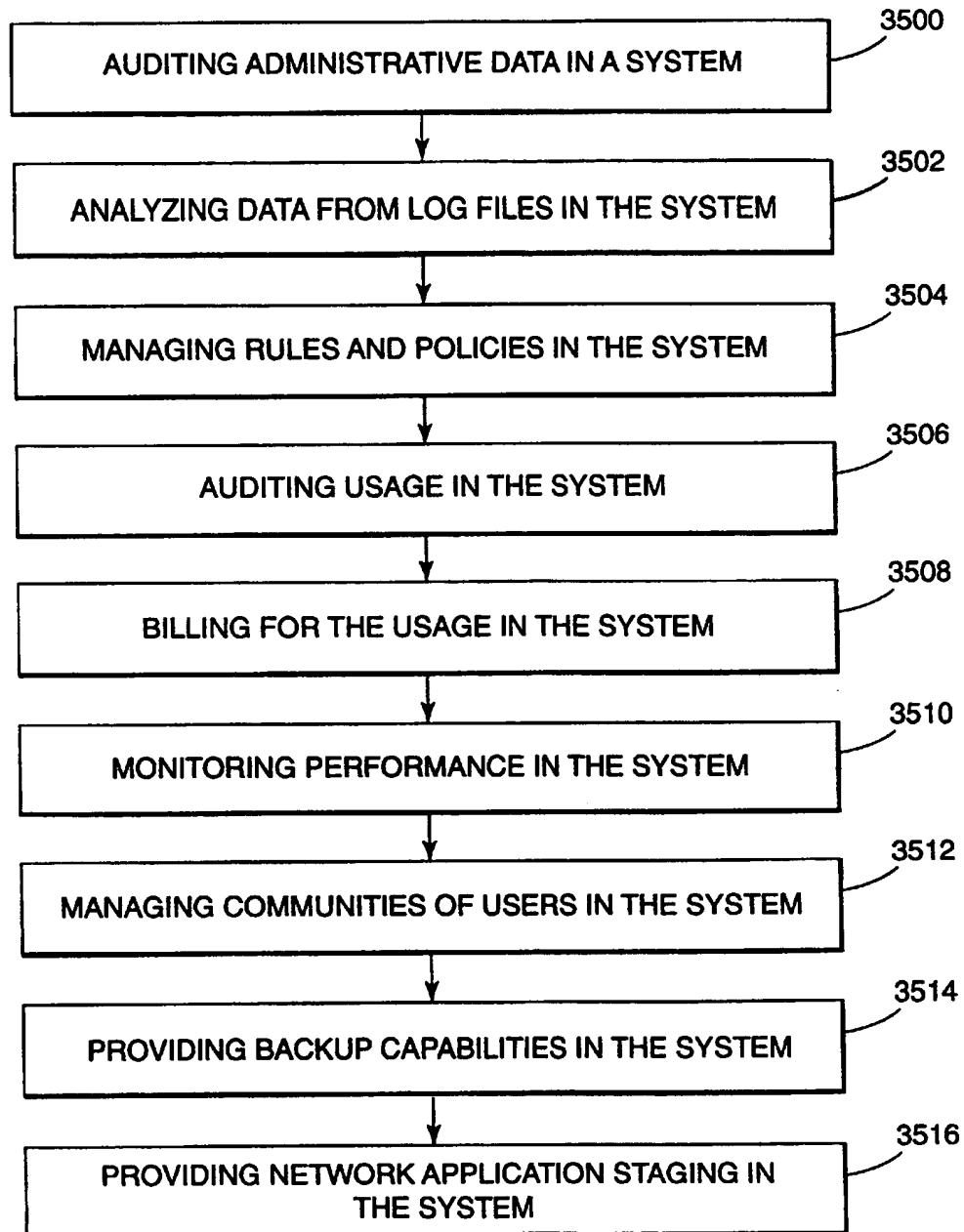


Fig. 96

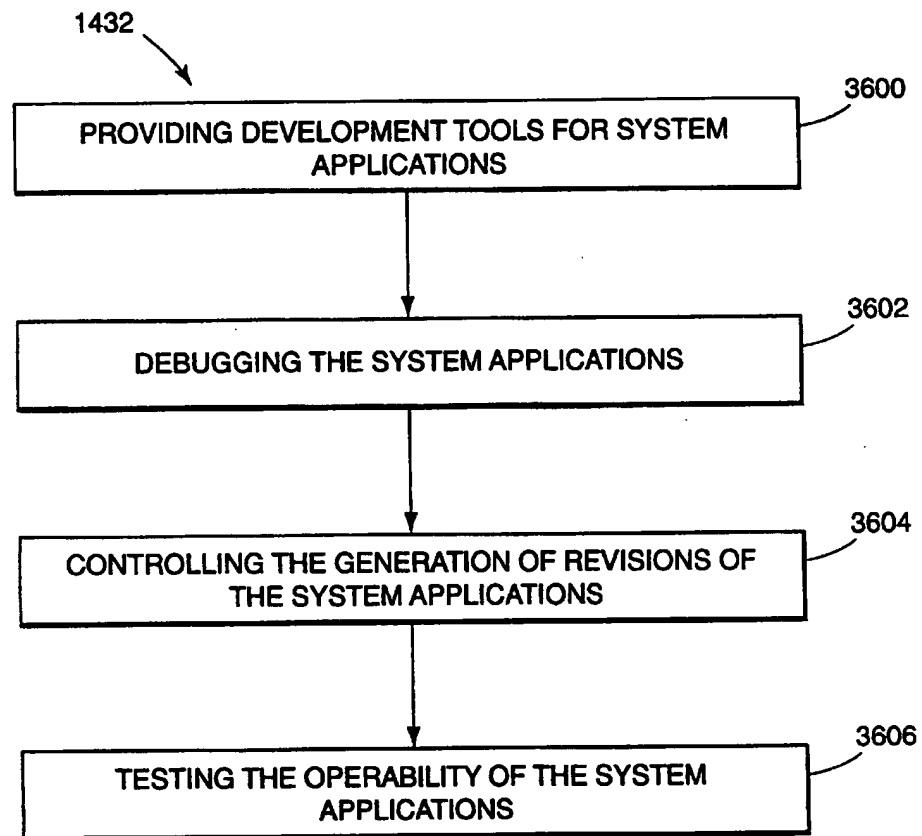


Fig. 97